

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2016 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2016 or fiscal plan year beginning <u>10/01/2016</u> and ending <u>09/30/2017</u>			
A	This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____	
B	This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)	
C	If the plan is a collectively-bargained plan, check here. ☒		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)	

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>ALLISON TRANSMISSION HOURLY-RATE EMPLOYEES PENSION PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>004</u>
		1c	Effective date of plan <u>08/07/2007</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>ALLISON TRANSMISSION, INC.</u> <u>DOUG R. BOLTON</u> <u>ONE ALLISON WAY</u> <u>INDIANAPOLIS, IN 46222-3271</u>	2b	Employer Identification Number (EIN) <u>26-0413897</u>
		2c	Plan Sponsor's telephone number <u>317-242-3561</u>
		2d	Business code (see instructions) <u>336300</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	07/13/2018	DOUG R. BOLTON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address (include room or suite number)			Preparer's telephone number

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name	4b EIN 4c PN
5 Total number of participants at the beginning of the plan year	5 1174
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year..... a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	<div style="background-color: #cccccc; height: 20px; width: 100%;"></div> 6a(1) 805 6a(2) 750 6b 278 6c 116 6d 1144 6e 29 6f 1173 6g 6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 1B 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☒ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2016 Form M-1 annual report. If the plan was not required to file the 2016 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE SB (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 10/01/2016 and ending 09/30/2017

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan <u>ALLISON TRANSMISSION HOURLY-RATE EMPLOYEES PENSION PLAN</u>	B Three-digit plan number (PN) ▶ <u>004</u>
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF <u>ALLISON TRANSMISSION, INC.</u>	D Employer Identification Number (EIN) <u>26-0413897</u>
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500

Part I	Basic Information
1 Enter the valuation date: Month <u>10</u> Day <u>01</u> Year <u>2016</u>	
2 Assets:	
a Market value	2a <u>79898284</u>
b Actuarial value	2b <u>79898284</u>
3 Funding target/participant count breakdown	
a For retired participants and beneficiaries receiving payment	(1) Number of participants <u>248</u> (2) Vested Funding Target <u>13199156</u> (3) Total Funding Target <u>13199156</u>
b For terminated vested participants	<u>123</u> <u>2038553</u> <u>2038553</u>
c For active participants	<u>805</u> <u>40816527</u> <u>42282633</u>
d Total	<u>1176</u> <u>56054236</u> <u>57520342</u>
4 If the plan is in at-risk status, check the box and complete lines (a) and (b)	☐
a Funding target disregarding prescribed at-risk assumptions	4a
b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor	4b
5 Effective interest rate	5 <u>6.14 %</u>
6 Target normal cost	6 <u>3560950</u>

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE		<u>07/10/2018</u>
	Signature of actuary	Date
<u>DAVID L. JAKES, FSA, EA, MAAA</u>		<u>17-05110</u>
	Type or print name of actuary	Most recent enrollment number
<u>MERCER</u>		<u>614-227-5555</u>
	Firm name	Telephone number (including area code)
<u>325 JOHN H MCCONNELL BLVD SUITE 350 COLUMBUS, OH 43215</u>		
	Address of the firm	

If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

**Schedule SB (Form 5500) 2016
v. 160205**

Part II Beginning of Year Carryover and Prefunding Balances		(a) Carryover balance	(b) Prefunding balance
7	Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8	Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9	Amount remaining (line 7 minus line 8)	0	0
10	Interest on line 9 using prior year's actual return of <u>11.01</u> %	0	0
11	Prior year's excess contributions to be added to prefunding balance:		
a	Present value of excess contributions (line 38a from prior year)		483727
b(1)	Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.34</u> %		30668
b(2)	Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c	Total available at beginning of current plan year to add to prefunding balance		514395
d	Portion of (c) to be added to prefunding balance		
12	Other reductions in balances due to elections or deemed elections		
13	Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages			
14	Funding target attainment percentage	14	138.90%
15	Adjusted funding target attainment percentage	15	138.90%
16	Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	142.55%
17	If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls					
18 Contributions made to the plan for the plan year by employer(s) and employees:					
(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
01/13/2017	1500000	0			
04/14/2017	1100000	0			
09/22/2017	2250000	0			
12/22/2017	4000000	0			
05/15/2018	10400000	0			
			Totals ►	18(b)	19250000
				18(c)	0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:		
a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	17825178
20 Quarterly contributions and liquidity shortfalls:		
a Did the plan have a "funding shortfall" for the prior year?	☐ Yes ☒ No	
b If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner?	☐ Yes ☐ No	
c If line 20a is "Yes," see instructions and complete the following table as applicable:		

Liquidity shortfall as of end of quarter of this plan year			
(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V	Assumptions Used to Determine Funding Target and Target Normal Cost					
21	Discount rate:					
a	Segment rates:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">1st segment: 4.43%</td> <td style="width: 33%;">2nd segment: 5.91%</td> <td style="width: 33%;">3rd segment: 6.65%</td> </tr> </table>	1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%	☐ N/A, full yield curve used
1st segment: 4.43%	2nd segment: 5.91%	3rd segment: 6.65%				
b	Applicable month (enter code)	21b	0			
22	Weighted average retirement age	22	61			
23	Mortality table(s) (see instructions) ☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute					
Part VI	Miscellaneous Items					
24	Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No					
25	Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment. ☐ Yes ☒ No					
26	Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment. ☒ Yes ☐ No					
27	If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment.	27				
Part VII	Reconciliation of Unpaid Minimum Required Contributions For Prior Years					
28	Unpaid minimum required contributions for all prior years	28	0			
29	Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0			
30	Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0			
Part VIII	Minimum Required Contribution For Current Year					
31	Target normal cost and excess assets (see instructions):					
a	Target normal cost (line 6)	31a	3560950			
b	Excess assets, if applicable, but not greater than line 31a	31b	3560950			
32	Amortization installments:	Outstanding Balance	Installment			
a	Net shortfall amortization installment	0	0			
b	Waiver amortization installment	0	0			
33	If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33				
34	Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)	34	0			
		Carryover balance	Prefunding balance			
35	Balances elected for use to offset funding requirement	0	0			
36	Additional cash requirement (line 34 minus line 35)	36	0			
37	Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	17825178			
38	Present value of excess contributions for current year (see instructions)					
a	Total (excess, if any, of line 37 over line 36)	38a	17825178			
b	Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0			
39	Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0			
40	Unpaid minimum required contributions for all years	40	0			
Part IX	Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)					
41	If an election was made to use PRA 2010 funding relief for this plan:					
a	Schedule elected	☐ 2 plus 7 years ☐ 15 years				
b	Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011				
42	Amount of acceleration adjustment	42				
43	Excess installment acceleration amount to be carried over to future plan years	43				

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		2016
		This Form is Open to Public Inspection.

For calendar plan year 2016 or fiscal plan year beginning 10/01/2016 and ending 09/30/2017	
A Name of plan ALLISON TRANSMISSION HOURLY-RATE EMPLOYEES PENSION PLAN	B Three-digit plan number (PN) ► 004
C Plan sponsor's name as shown on line 2a of Form 5500 ALLISON TRANSMISSION, INC.	D Employer Identification Number (EIN) 26-0413897

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation DIMENSIONAL FUND ADVISORS LP
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30-0447847

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation EATON VANCE MANAGEMENT (EVM)	TWO INTERNATIONAL PLACE BOSTON, MA 02110
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(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation PIMCO

33-0629048

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

RYAN LABS, INC.

47-3503928

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
51 18 49	NONE	154743	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

WELLS FARGO BANK NA

94-1347393

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
21 15	NONE	53481	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

CAPFINANCIAL PARTNERS, LLC

26-0058143

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
51	NONE	25164	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

WELLS FARGO FUNDS MANAGEMENT, LLC

71-0828842

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
52	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

HARTFORD FUNDS MANAGEMENT GROUP

PO BOX 55022
BOSTON, MA 02205-5022

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
52	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

PRINCIPAL GLOBAL INVESTORS

711 HIGH STREET
DES MOINES, IA 50392

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
52	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	0	Yes ☒ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

BLACKSTONE ALTERNATIVE INV ADVISORS

345 PARK AVENUE, 28TH FLOOR
NEW YORK, NY 10154

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
52	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
WELLS FARGO FUNDS MANAGEMENT, LLC	52	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
WELLS FARGO TREASURY PLUS MONEY MKT 71-0828842	0.20% INVESTMENT MANAGEMENT FEE	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
HARTFORD FUNDS MANAGEMENT GROUP	52	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
HARTFORD INTERNATIONAL OPPTS FUND PO BOX 55022 BOSTON, MA 02205-5022	0.79% INVESTMENT MANAGEMENT FEE	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
PRINCIPAL GLOBAL INVESTORS	52	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
PRINCIPAL REAL ESTATE SECURITIES 711 HIGH STREET DES MOINES, IA 50392	0.88% INVESTMENT MANAGEMENT FEE	

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
BLACKSTONE ALTERNATIVE INV ADVISORS	52	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
BLACKSTONE ALTERNATIVE MULTI-STRAT 345 PARK AVENUE, 28TH FLOOR NEW YORK, NY 10154	2.40% INVESTMENT MANAGEMENT FEE	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	GARY D. DICKSON	b EIN:	20-1932099
c Position:	ENROLLED ACTUARY		
d Address:	6514 HUMMINGBIRD DRIVE MASON, OH 45040	e Telephone:	513-313-1462

Explanation: INTERNAL REASSIGNMENT AT MERCER, AS APPROVED BY PLAN ADMINISTRATOR

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

a Name:		b EIN:	
c Position:			
d Address:		e Telephone:	

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</div> This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 10/01/2016 and ending 09/30/2017

A Name of plan <u>ALLISON TRANSMISSION HOURLY-RATE EMPLOYEES PENSION PLAN</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:80%;">B Three-digit plan number (PN) ►</td> <td style="width:20%; text-align: center;"><u>004</u></td> </tr> <tr> <td colspan="2" style="height: 20px;"></td> </tr> </table>	B Three-digit plan number (PN) ►	<u>004</u>		
B Three-digit plan number (PN) ►	<u>004</u>				
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>ALLISON TRANSMISSION, INC.</u>	D Employer Identification Number (EIN) <u>26-0413897</u>				

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>IRT MIRRORED HOLDING</u>		
b Name of sponsor of entity listed in (a): <u>NORTHERN TRUST INVESTMENTS, INC.</u>		
c EIN-PN <u>26-0413897-001</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>3433254</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>CASH</u>		
b Name of sponsor of entity listed in (a): <u>NORTHERN TRUST INVESTMENTS, INC.</u>		
c EIN-PN <u>26-0413897-002</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>17</u>
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) <small>Internal Revenue Service</small> <small>Department of Labor</small> <small>Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 10/01/2016 and ending 09/30/2017		
A Name of plan ALLISON TRANSMISSION HOURLY-RATE EMPLOYEES PENSION PLAN	B Three-digit plan number (PN) ►	004
C Plan sponsor's name as shown on line 2a of Form 5500 ALLISON TRANSMISSION, INC.	D Employer Identification Number (EIN) 26-0413897	

Part I	Asset and Liability Statement
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1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	53857	-1644566
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	0	14400000
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)	428554	433076
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	1373133	3428959
(2) U.S. Government securities	1c(2)	20917129	18721698
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	34229647	39264743
(B) All other.....	1c(3)(B)	8817319	10507857
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property).....	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans.....	1c(8)		
(9) Value of interest in common/collective trusts	1c(9)	0	3433271
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	12001790	9148721
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)	2076855	492096

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	79898284	98185855

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	79898284	98185855
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	19250000	
(B) Participants	2a(1)(B)		
(C) Others (including rollovers)	2a(1)(C)		
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		19250000
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	10439	
(B) U.S. Government securities	2b(1)(B)	140128	
(C) Corporate debt instruments	2b(1)(C)	1624045	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)		
(F) Other	2b(1)(F)	151369	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1925981
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	113067	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		113067
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	61699625	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	61537224	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		162401
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	-2774731	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		-2774731

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		389244
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		1110792
c Other income.....	2c		5926
d Total income. Add all income amounts in column (b) and enter total.....	2d		20182680

Expenses**e** Benefit payment and payments to provide benefits:

(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	1586495	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		1586495
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)	53481	
(3) Investment advisory and management fees.....	2i(3)	179997	
(4) Other	2i(4)	75136	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		308614
j Total expenses. Add all expense amounts in column (b) and enter total	2j		1895109

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		18287571
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: **BKD LLP**

(2) EIN: **44-0160260**

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

		Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j	X		
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m			
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			
o Defined Benefit Plan or Money Purchase Pension Plan Only: Were any distributions made during the plan year to an employee who attained age 62 and had not separated from service?	4o			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
If "Yes," enter the amount of any plan assets that reverted to the employer this year. ☐ Yes ☒ No **Amount:**

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☒ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year 4054918. (See instructions.)

Part V Trust Information

6a Name of trust	6b Trust's EIN
6c Name of trustee or custodian	6d Trustee's or custodian's telephone number

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection.
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For calendar plan year 2016 or fiscal plan year beginning 10/01/2016 and ending 09/30/2017

A Name of plan <u>ALLISON TRANSMISSION HOURLY-RATE EMPLOYEES PENSION PLAN</u>	B Three-digit plan number (PN) ▶ <u>004</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>ALLISON TRANSMISSION, INC.</u>	D Employer Identification Number (EIN) <u>26-0413897</u>

Part I	Distributions
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All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>26-6189386</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3	<u>0</u>

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes	☐ No	☒ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes	☐ No	☒ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☒ No
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Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
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10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule R (Form 5500) 2016
v. 160205

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14	Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:		
	a The current year	14a	
	b The plan year immediately preceding the current plan year	14b	
	c The second preceding plan year	14c	
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:		
	a The corresponding number for the plan year immediately preceding the current plan year	15a	
	b The corresponding number for the second preceding plan year	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐		

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18	If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment
19	If the total number of participants is 1,000 or more, complete lines (a) through (c) a Enter the percentage of plan assets held as: Stock: <u>12.0</u> % Investment-Grade Debt: <u>82.0</u> % High-Yield Debt: _____% Real Estate: <u>1.0</u> % Other: <u>5.0</u> % b Provide the average duration of the combined investment-grade and high-yield debt: ☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☒ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more c What duration measure was used to calculate line 19(b)? ☒ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

Part VII	IRS Compliance Questions
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20a Is the plan a 401(k) plan? If "No," skip b	☐ Yes ☐ No
20b How did the plan satisfy the nondiscrimination requirements for employee deferrals under section 401(k)(3) for the plan year? Check all that apply:	☐ Design-based safe harbor ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A
21a What testing method was used to satisfy the coverage requirements under section 410(b) for the plan year? Check all that apply:	☐ Ratio percentage test ☐ Average benefit test ☐ N/A
21b Did the plan satisfy the coverage and nondiscrimination requirements of sections 410(b) and 401(a)(4) for the plan year by combining this plan with any other plan under the permissive aggregation rules?	☐ Yes ☐ No
22a If the plan is a master and prototype plan (M&P) or volume submitter plan that received a favorable IRS opinion letter or advisory letter, enter the date of the letter ____ / ____ / ____ and the serial number ____.	
22b If the plan is an individually-designed plan that received a favorable determination letter from the IRS, enter the date of the most recent determination letter ____ / ____ / ____.	

Allison Transmission Hourly-Rate Employees Pension Plan

EIN 26-0413897 PN 004

Independent Auditor's Report and Financial Statements

September 30, 2017 and 2016

Allison Transmission Hourly-Rate Employees Pension Plan

September 30, 2017 and 2016

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Independent Auditor's Report

Plan Administrator
Allison Transmission Hourly-Rate Employees Pension Plan
Indianapolis, Indiana

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Allison Transmission Hourly-Rate Employees Pension Plan, which comprise the statements of net assets available for benefits as of September 30, 2017 and 2016, and the related statements of changes in net assets available for benefits for the years then ended, and the statements of accumulated plan benefits as of October 1, 2016 and 2015, and the related statements of changes in accumulated plan benefits for the years then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting our audits in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the *Basis for Disclaimer of Opinion* paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the *Employee Retirement Income Security Act of 1974*, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Wells Fargo Bank, N.A., the trustee of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the Plan Administrator that the trustee holds the Plan's investment assets and executes investment transactions. The Plan Administrator has obtained certifications from the trustee as of and for the years ended September 30, 2017 and 2016, that the information provided to the Plan Administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter

The supplemental schedules listed in the table of contents are required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the *Employee Retirement Income Security Act of 1974* and are presented for the purpose of additional analysis and are not a required part of the financial statements. Because of the significance of the matter described in the *Basis for Disclaimer of Opinion* paragraph, we do not express an opinion on these supplemental schedules.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedules, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the *Employee Retirement Income Security Act of 1974*.



Indianapolis, Indiana
July 11, 2018

Federal Employer Identification Number: 44-0160260

Allison Transmission Hourly-Rate Employees Pension Plan

Statements of Net Assets Available for Benefits

September 30, 2017 and 2016

Assets

	2017	2016
Investments, at fair value	<u>\$ 84,997,345</u>	<u>\$ 79,415,874</u>
Receivables		
Employer contributions	14,400,000	-
Accrued interest income	433,076	428,554
Due from broker for securities sold	<u>-</u>	<u>137,794</u>
	<u>14,833,076</u>	<u>566,348</u>
Total assets	99,830,421	79,982,222

Liabilities

Due to broker for securities purchased	<u>1,644,566</u>	<u>83,938</u>
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Net Assets Available for Benefits

<u>\$ 98,185,855</u>	<u>\$ 79,898,284</u>
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Allison Transmission Hourly-Rate Employees Pension Plan

Statements of Changes in Net Assets Available for Benefits

Years Ended September 30, 2017 and 2016

	<u>2017</u>	<u>2016</u>
Additions		
Investment Income		
Net appreciation (depreciation) in fair value of investments	\$ (1,112,294)	\$ 5,929,248
Interest and dividends	2,039,048	2,051,893
Other income	5,926	4,044
Net investment income	<u>932,680</u>	<u>7,985,185</u>
Employer Contribution	<u>19,250,000</u>	<u>500,000</u>
Total additions	<u>20,182,680</u>	<u>8,485,185</u>
Deductions		
Benefits paid to participants	1,586,495	1,245,591
Administrative expenses	233,478	241,272
Pension Benefit Guaranty Corporation premium	75,136	67,032
Total deductions	<u>1,895,109</u>	<u>1,553,895</u>
Net Increase	18,287,571	6,931,290
Net Assets Available for Benefits, Beginning of Year	<u>79,898,284</u>	<u>72,966,994</u>
Net Assets Available for Benefits, End of Year	<u><u>\$ 98,185,855</u></u>	<u><u>\$ 79,898,284</u></u>

Allison Transmission Hourly-Rate Employees Pension Plan

Statements of Accumulated Plan Benefits and Changes in Accumulated Plan Benefits October 1, 2016 and 2015

Statements of Accumulated Plan Benefits

	October 1,	
	2016	2015
Vested benefits		
Participants and beneficiaries currently receiving payments	\$ 14,944,405	\$ 12,068,666
Other participants	52,269,480	49,296,217
	<u>67,213,885</u>	<u>61,364,883</u>
Nonvested benefits	<u>1,948,389</u>	<u>2,005,806</u>
Total actuarial present value of accumulated plan benefits	<u>\$ 69,162,274</u>	<u>\$ 63,370,689</u>

Statements of Changes in Accumulated Plan Benefits

	Years Ended October 1,	
	2016	2015
Actuarial present value of accumulated plan benefits, beginning of year	<u>\$ 63,370,689</u>	<u>\$ 46,686,403</u>
Increase (decrease) during the year and period attributable to		
Benefits accumulated	4,135,487	5,110,284
Increase for interest due to the decrease in the discount period	2,946,712	2,767,084
Benefits paid	(1,245,591)	(1,049,240)
Change in actuarial assumptions (interest and demographic assumptions)	<u>(45,023)</u>	<u>9,856,158</u>
Net increase	<u>5,791,585</u>	<u>16,684,286</u>
Actuarial present value of accumulated plan benefits, end of year	<u>\$ 69,162,274</u>	<u>\$ 63,370,689</u>

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements

September 30, 2017 and 2016

Note 1: Description of the Plan

The following description of the Plan provides only general information. Additional information about the vesting and benefit provisions and the Pension Benefit Guarantee Corporation's (PBGC) benefit guarantee is contained in the Plan Document and *Summary Plan Description*, which are available from the Plan Administrator. Any inconsistencies between the Plan Document and the *Summary Plan Description* would be governed by the Plan Document.

General

The Plan was established in 2007 as a result of the spin-off of Allison Transmission, Inc. (Company) from General Motors Corporation (GM). All employees of the Company who had worked for GM prior to August 7, 2007 and were participants in the GM Hourly-Rate Employees Pension Plan (GM Plan) maintained their credited service with the GM Plan and will be paid benefits for such prior service from the GM Plan. The Plan will pay benefits to participants based on credited service earned with the Company on and after August 7, 2007. Service with GM will be counted by the Plan for vesting purposes and to determine eligibility to retire for Transferred Employees. Service with GM will be counted for vesting, eligibility to retire and the amount of pension benefit for special Unvested Participants. It was the intent of the Company at the time of spin off from GM that the Plan generally contain the same provisions as the GM Plan, such that employees who transferred from GM to the Company would maintain the same benefit, in aggregate, that would have been provided had the spin-off not occurred and the employees had continued working for GM.

The Plan is a noncontributory defined-benefit retirement plan for eligible hourly-rate employees who are covered by the collective bargaining agreement between the Company and the International Union, United Automobile, Aerospace and Agricultural Implement Workers of America (Union). The Plan is subject to provisions of the *Employee Retirement Income Security Act of 1974* (ERISA). Wells Fargo Bank, N.A. (Wells Fargo) is the trustee of the Plan.

Contributions

The Company has agreed to contribute such amounts as are necessary to provide assets sufficient to meet the benefits to be paid to Plan participants. The Company's present intention is to make contributions in amounts sufficient to annually fund the Plan's current service cost and the initial past-service costs plus interest on them over a period of seven years. The Plan has met the minimum funding requirements established by the federal government.

Pension Benefits

Monthly benefits under the Plan are based on the participant's years of credited service multiplied by a basic benefit rate ranging from \$55.70 to \$56.45 per year of credited service based on the participant's benefit class code, as defined in the Plan Document, pursuant to the collective bargaining agreement. Participants who have ceased active employment are entitled to annual pension benefits beginning at the first of the month following the date the participant turns age 65, and actually retires.

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements

September 30, 2017 and 2016

The Plan permits the following early retirement options: (1) an employee who has attained age 60 but not age 65, and who has 10 or more years of credited service (including service with GM), (2) an employee who has attained age 55 but not age 60, and whose combined years of age and years of credited service (including service with GM) total 85 or more, or (3) any employee who has 30 or more years of credited service (including service with GM). Total and Permanent Disability or Early Retirement participants may also be eligible for a Pension supplement (an Early Retirement Supplement or an Interim Supplement based upon the circumstances).

In addition, an employee who has attained age 55 but not age 65 (or is between ages 50 and 65, if the participant is laid off as a result of a plant closing where no other Allison plants are in the same geographical area), has 10 or more years of credited service (including service with GM), and is either disabled or laid off under certain special circumstances, may retire under mutually satisfactory conditions. In addition to unreduced Early Retirement benefits, such participants may receive a temporary monthly benefit in these circumstances. The monthly temporary benefit is calculated by multiplying the number of years of credited service by a rate ranging from \$50.80 to \$53.45. The maximum number of years of credited service is 30. The monthly temporary benefit is payable until the employee attains age 62 and one month or until the age at which the employee becomes or could have become eligible for a Federal Social Security Benefit for disability or an unreduced Federal Social Security Benefit because of age.

Several optional forms of benefit payments are available to participants including a life annuity, a joint and 65% survivor annuity, a joint and 75% survivor annuity, or a contingent annuity in 5% increments up to 100% of the participant's monthly basic benefit after redetermination at age 62 and one month, if applicable. Payments made in any form other than a life annuity are actuarially adjusted for the option selected.

Based on an agreement with GM, all hourly employees with unbroken seniority at the Company as of June 29, 2007 who were vested in the GM Plan as of that date and who retire from the Company after October 1, 2011, will be entitled to payment from the Plan. Lifetime retirement benefits for those who retire or return to GM on or before October 1, 2011 will be paid from the GM Plan. The Plan started making benefit payments in November 2011.

Death Benefits

Prior to eligibility for retirement, the spouse of a participant who has been married to the participant for at least one year will receive a 50% survivor annuity, as defined in the Plan, upon the death of the participant. After eligibility for retirement, and provided the participant has been married for at least one year, the surviving spouse annuity is equal to 65% of the participant's monthly benefit.

Vesting

Upon the earlier of (1) the participant turning age 65, or (2) the participant's completion of five years of vesting service, a participant will be vested in his or her benefits under the Plan.

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements September 30, 2017 and 2016

Plan Termination

In the event the Plan terminates, the net assets of the Plan will be allocated, as prescribed by ERISA and its related regulations, generally to provide the following benefits in the order indicated:

- a. Annuity benefits that former employees or their beneficiaries have been receiving for at least three years, or that employees eligible to retire for that three-year period would have been receiving if they had retired with benefits in the normal form of annuity under the Plan. The priority amount is limited to the lowest benefit that was payable (or would have been payable) during those three years. The amount is further limited to the lowest benefit that would be payable under plan provisions in effect at any time during the five years preceding plan termination.
- b. Other vested benefits insured by the Pension Benefit Guaranty Corporation (PBGC) up to the applicable limitations discussed below.
- c. Vested benefits not insured by the PBGC.
- d. All nonvested benefits.

Certain benefits under the Plan are insured by the PBGC if the Plan terminates. Generally, the PBGC guarantees most vested normal age retirement benefits, early retirement benefits and certain disability and survivor's pensions. However, the PBGC does not guarantee all types of benefits under the Plan, and the amount of benefit protection is subject to certain limitations. Vested benefits under the Plan are guaranteed at the level in effect on the date of the Plan's termination. However, there is a statutory ceiling, which is adjusted periodically, on the amount of an individual's monthly benefit that the PBGC guarantees.

Whether all participants receive their benefits should the Plan terminate at some future time will depend on the sufficiency, at that time, of the Plan's net assets to provide for accumulated benefit obligations and may also depend on the financial condition of the Plan Sponsor and the level of benefits guaranteed by the PBGC. Any residual assets of the Plan will be distributed to the Company if all liabilities of the Plan to its participants and beneficiaries have been satisfied and the distribution does not contravene any provision of law.

Subsequent Events

Subsequent events have been evaluated through July 11, 2018, which is the date the financial statements were available to be issued.

Note 2: Summary of Significant Accounting Policies

Method of Accounting

The accompanying financial statements are prepared on the accrual method of accounting.

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements

September 30, 2017 and 2016

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of net assets and changes in net assets available for benefits, disclosure of contingent assets and liabilities and the actuarial present value of accumulated plan benefits at the date of the financial statements. Actual results could differ from those estimates.

Valuation of Investments and Income Recognition

The money market fund is reported at fair value, which approximates its cost basis. Bonds and notes are stated at fair value. Securities, such as common stocks and U.S. government securities, traded on a national securities exchange are valued at the last reported sales price on the last business day of the Plan year. Corporate bonds and notes are valued on the basis of yields currently available on comparable securities of issuers with similar credit ratings. Mutual funds are valued at the net asset value (NAV) of shares held by the Plan at year end. The fair value of the Plan's interest in the collective trusts are valued based on information reported by the investment trust advisor at year-end. Purchases and sale of securities are recorded on a trade-date basis. Interest income is recorded on an accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Payment of Benefits

Benefit payments to participants are recorded upon distribution.

Administrative Expenses

Administrative expenses may be paid by the employer or the Plan, at the employer's discretion.

Accumulated Plan Benefits

Accumulated plan benefits (see Statements of Accumulated Plan Benefits, Statements of Changes in Accumulated Plan Benefits and Note 4) are those estimated future periodic payments, including lump-sum distributions, which are attributable under the Plan's provisions to the service employees have rendered. Accumulated plan benefits include benefits expected to be paid to:

- a. Retired or terminated employees or their beneficiaries
- b. Present employees or their beneficiaries

Benefits under the Plan are based on employees' credited service. Benefits payable under all circumstances — retirement, death, disability and termination of employment — are included, to the extent they are deemed attributable to employee service rendered to the valuation date. Benefits to be provided via annuity contracts excluded from Plan assets are excluded from accumulated plan benefits.

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements

September 30, 2017 and 2016

Plan Tax Status

The Plan obtained its latest determination letter on June 23, 2014, in which the Internal Revenue Service (IRS) stated that the Plan and related trust, as then designed, were in compliance with the applicable requirements of the Internal Revenue Code and, therefore, not subject to tax. The Plan has been amended since receiving the determination letter. However, the Plan Administrator believes that the Plan and related trust are currently designed and being operated in compliance with the applicable requirements of the Internal Revenue Code. The current determination letter expires on January 31, 2018.

Note 3: Certification of Plan Trustee

The Plan Administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Wells Fargo, the trustee of the Plan, has certified the following information included in the accompanying financial statements and supplemental schedules is complete and accurate:

- Investments and accrued interest income as shown in the statements of net assets available for benefits as of September 30, 2017 and 2016
- Investment income as shown in the statements of changes in net assets available for benefits for the years ended September 30, 2017 and 2016
- Due from broker for securities sold and due to broker for securities purchased as of September 30, 2017 and 2016
- Investment information included in the accompanying schedule of assets (held at year end) as of September 30, 2017 and schedule of reportable transactions for the year ended September 30, 2017

The Plan's independent auditors did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the financial statements and supplemental schedules.

Note 4: Accumulated Plan Benefits

An actuary from Mercer determines the actuarial present value of accumulated plan benefits as of the beginning of the Plan year, which is the amount that results from applying actuarial assumptions to adjust the accumulated plan benefits to reflect the time value of money (through discounts for interest) and the probability of payment (by means of decrements such as for death, disability, withdrawal or retirement) between the valuation date and the expected date of payment.

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements

September 30, 2017 and 2016

Significant assumptions underlying the actuarial computations are:

Assumed rate of return of investments	4.7 percent, compounded annually
Mortality basis	Mercer MRP-2007 Mortality Table for employees and annuitants with blue collar adjustment and projected generational mortality improvements according to MSS-2007 for healthy and disabled lives
Retirement age	Varies by age and service Age 65 for deferred vested participants Average age of retirees is age 61
Asset valuation	Market

Plan contributions and the actuarial present value of accumulated plan benefits are prepared based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimation and assumption process, it is at least reasonably possible that changes in these estimates and assumptions in the near term could be material to the Plan's financial statements. The foregoing actuarial assumptions are based on the presumption that the Plan will continue. Were the Plan to terminate, different actuarial assumptions and other factors might be applicable in determining the actuarial present value of accumulated plan benefits.

Note 5: Disclosures About Fair Value of Assets

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Fair value measurements must maximize the use of observable inputs and minimize the use of unobservable inputs. There is a hierarchy of three levels of inputs that may be used to measure fair value:

- Level 1** Quoted prices in active markets for identical assets or liabilities
- Level 2** Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities
- Level 3** Unobservable inputs supported by little or no market activity and are significant to the fair value of the assets or liabilities

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements September 30, 2017 and 2016

Recurring Measurements

The following tables present the fair value measurements of assets recognized in the accompanying statements of net assets available for benefits measured at fair value on a recurring basis and the level within the fair value hierarchy in which the fair value measurements fall at September 30, 2017 and 2016:

2017				
Fair Value Measurements Using				
Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Money market fund	\$ 3,428,959	\$ 3,428,959	\$ -	\$ -
Pooled, common and collective fund	3,433,271	-	3,433,271	-
Bonds and notes	50,264,697	-	50,264,697	-
U.S. Governmental securities	18,721,698	4,745,371	13,976,327	-
Mutual funds	9,148,720	9,148,720	-	-
	<u>\$ 84,997,345</u>	<u>\$ 17,323,050</u>	<u>\$ 67,674,295</u>	<u>\$ -</u>

2016				
Fair Value Measurements Using				
Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)		Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Money market fund	\$ 1,373,133	\$ 1,373,133	\$ -	\$ -
Bonds and notes	45,123,822	-	45,123,822	-
U.S. Governmental securities	20,917,128	7,167,030	13,750,098	-
Mutual funds	12,001,791	12,001,791	-	-
	<u>\$ 79,415,874</u>	<u>\$ 20,541,954</u>	<u>\$ 58,873,920</u>	<u>\$ -</u>

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements

September 30, 2017 and 2016

Following is a description of the valuation methodologies and inputs used for assets measured at fair value on a recurring basis and recognized in the accompanying statements of net assets available for benefits, as well as the general classification of such assets pursuant to the valuation hierarchy. There have been no significant changes in the valuation techniques during the year ended September 30, 2017. The Plan had no liabilities measured at fair value on a recurring basis. In addition, the Plan had no assets or liabilities measured at fair value on a nonrecurring basis.

Investments

Where quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. Level 1 securities include a money market fund, certain U.S. Governmental securities and mutual funds. If quoted market prices are not available, then fair values are estimated by using quoted prices of securities with similar characteristics or independent asset pricing services and pricing models, the inputs of which are market-based or independently sourced market parameters, including, but not limited to, yield curves, interest rates, volatilities, prepayments, defaults, cumulative loss projections and cash flows. Such securities are classified in Level 2 of the valuation hierarchy. Level 2 securities include certain U.S. Governmental securities, corporate bonds and notes as well as a pooled, common and collective fund. In certain cases where Level 1 or Level 2 inputs are not available, securities are classified within Level 3 of the hierarchy. There are no Level 3 investments in the Plan.

Note 6: Party-in-Interest Transactions

Party-in-interest transactions include those with fiduciaries or employees of the Plan, any person who provides services to the Plan, an employer whose employees are covered by the Plan, an employee organization whose members are covered by the Plan, a person who owns 50 percent or more of such an employer or employee association, or relatives of such persons.

The Plan invests in various bonds and notes of the Plan trustee.

The Plan paid PBGC premiums totaling \$75,136 and \$67,032 during 2017 and 2016, respectively. The Plan paid \$53,481 and \$48,871 of administrative fees to the trustee during 2017 and 2016, respectively. The Plan paid \$179,997 and \$192,401 of investment management fees during 2017 and 2016, respectively. The Company provides certain administrative services at no cost to the Plan.

Note 7: Risk and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of net assets available for benefits.

Supplementary Schedules

Allison Transmission Hourly-Rate Employees Pension Plan

EIN 26-0413897 PN 004

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) September 30, 2017

Identity of Issuer	Description of Investment	Cost	Current Value
Money Market Fund			
*Wells Fargo Advantage Treasury Plus Money Market Fund	3,428,959 shares	\$ 3,428,959	\$ 3,428,959
Pooled, Common and Collective Fund			
Northern Trust Investments, Inc.	417 shares	3,161,938	3,433,271
U.S. Governmental Securities			
U.S. Treasury Bond 05/15/2046	1,620,000 par value	699,613	698,252
U.S. Treasury Bond 08/15/2046	440,000 par value	369,548	386,874
U.S. Treasury Bond 05/15/2046	90,000 par value	90,932	83,630
U.S. Treasury Bond 02/15/2047	1,855,000 par value	1,899,521	1,908,109
U.S. Treasury Bond 05/15/2047	365,000 par value	382,152	375,578
U.S. Treasury Note 08/31/2022	175,000 par value	173,100	172,594
U.S. Treasury Note 08/31/2024	180,000 par value	177,630	176,794
U.S. Treasury Note 08/15/2027	950,000 par value	944,952	943,540
U.S. Treasury Bond/Note SEC Stripped Zero	9,800,000 par value	4,809,335	5,456,038
U.S. Treasury Bond Stripped Zero Cpn	2,000,000 par value	824,140	907,980
U.S. Treasury SEC Stripped	2,600,000 par value	1,246,570	1,474,824
U.S. Treasury Bond Stripped Zero Cpn 11/15/2043	1,900,000 par value	734,046	875,710
U.S. Treasury Bond Stripped Zero Cpn 11/15/2044	3,250,000 par value	1,264,683	1,455,480
U.S. Treasury Bond Zero Cpn 11/15/2038	2,925,000 par value	1,348,396	1,603,865
U.S. Treasury Bond Zero Cpn 11/15/2040	2,350,000 par value	1,004,179	1,200,709
U.S. Treasury Bond Zero Cpn 11/15/2042	2,100,000 par value	837,794	1,001,721
		16,806,591	18,721,698
Bonds and Notes			
Ace INA Holdings	295,000 par value	328,255	324,181
Alibaba Group Holding 11/28/2019	320,000 par value	323,824	322,618
Alibaba Group Holding 11/28/2024	325,000 par value	337,929	336,807
Allstate Corp.	325,000 par value	322,416	345,579
America Movil SAB DE CV	505,000 par value	527,481	517,569
Ameriprise Financial, Inc.	255,000 par value	256,701	248,832
Anheuser-Busch Inbev Fin 02/01/2026	455,000 par value	473,823	470,702
Anheuser-Busch Inbev Fin 02/01/2036	465,000 par value	460,294	512,676
Apple, Inc. 02/09/2027	320,000 par value	321,928	329,469
Apple, Inc. 09/12/2047	470,000 par value	467,316	463,650
Apple, Inc. 05/13/2045	460,000 par value	463,091	499,854
AT&T, Inc. 02/17/2023	555,000 par value	571,184	571,034
AT&T, Inc. 06/15/2045	425,000 par value	362,283	390,074
Bank of America Corp.	785,000 par value	895,457	869,356
Bank of NY Mellon Corp.	230,000 par value	231,472	228,965
Bear Stearns Co., Inc.	395,000 par value	448,752	402,359
Berkshire Hathaway, Inc. 02/11/2023	450,000 par value	449,991	463,127
Berkshire Hathaway, Inc. 05/15/2043	320,000 par value	332,160	348,611
Boeing Co. Deb DTD 07/07/93	380,000 par value	520,695	487,760
BP Capital Markets PLC 05/10/2023	35,000 par value	33,527	35,117

Allison Transmission Hourly-Rate Employees Pension Plan

EIN 26-0413897 PN 004

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) (Continued) September 30, 2017

(a)(b) Identity of Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
BP Capital Markets PLC 05/04/2026	400,000 par value	\$ 410,145	\$ 399,860
BP Capital Markets PLC 04/14/2024	225,000 par value	230,877	229,176
Burlington North Santa Fe	325,000 par value	320,736	343,327
Burlington Resour Finan	265,000 par value	343,435	351,867
Capital One NA	255,000 par value	255,105	253,210
Chevron Corp.	225,000 par value	225,605	233,714
Cisco Systems, Inc.	520,000 par value	513,069	504,811
Citigroup, Inc. 03/30/2021	505,000 par value	513,484	510,631
CNOOC Finance 2013 LTD	650,000 par value	634,763	651,053
Comcast Corp. 01/15/2027	355,000 par value	334,843	331,346
Comcast Corp. 01/15/2033	567,000 par value	572,063	609,706
Commonwealth Edison Co.	510,000 par value	461,417	503,620
Cons Edison Co. of NY	260,000 par value	260,400	288,298
Consolidated Edison Co.	205,000 par value	218,956	227,068
CR Bard, Inc.	275,000 par value	294,778	288,929
Credit Suisse New York	325,000 par value	335,566	337,490
DTE Electric Co.	470,000 par value	474,559	461,822
Duke Energy Corp.	455,000 par value	460,246	456,342
Ecolab, Inc.	600,000 par value	595,284	599,874
Florida Power & Light Co. 06/01/2024	500,000 par value	507,400	515,585
Florida Power & Light Co. 02/01/2041	365,000 par value	453,162	446,913
Ford Motor Credit Co. LLC	480,000 par value	488,640	483,101
Franklin Resources, Inc.	220,000 par value	217,743	222,957
GE Capital Intl Funding	341,000 par value	322,423	370,803
General Elec Cap Corp.	96,000 par value	129,664	140,555
General Electric Co.	910,000 par value	989,358	1,018,663
Georgia Power Company	445,000 par value	469,755	464,958
Gilead Sciences, Inc.	335,000 par value	339,221	345,073
Goldman Sachs Group, Inc. 01/24/2022	395,000 par value	450,498	442,716
Goldman Sachs Group, Inc. 02/15/2019	220,000 par value	243,412	236,282
Home Depot, Inc. 02/15/2024	430,000 par value	446,456	455,241
Home Depot, Inc. 04/01/2046	300,000 par value	322,290	322,980
HSBC BK USA NA Global	300,000 par value	353,460	374,034
Intel Corp.07/29/2025	190,000 par value	189,717	200,927
Intel Corp.07/29/2045	290,000 par value	330,191	346,533
John Deere Capital Corp.	260,000 par value	261,409	254,444
Johnson & Johnson	225,000 par value	245,862	255,398
JPMorgan Chase & Co.	455,000 par value	453,671	470,388
Keycorp	325,000 par value	360,786	354,205
Kimberly-Clark Corp	245,000 par value	249,092	250,243
Kinder Morgan Ener Part	180,000 par value	180,770	205,139
Loews Corp.	330,000 par value	341,884	342,867
Lowe's Companies, Inc.	330,000 par value	328,145	328,136

Allison Transmission Hourly-Rate Employees Pension Plan

EIN 26-0413897 PN 004

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) (Continued)

September 30, 2017

(a)(b) Identity of Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
Lyondellbasell Ind NV	279,000 par value	\$ 299,027	\$ 289,488
Manuf & Traders Trust Co.	345,000 par value	348,504	345,783
MasterCard, Inc.	445,000 par value	452,988	464,536
Medtronic, Inc.	420,000 par value	461,851	462,332
Merck & Co., Inc.	520,000 par value	525,928	521,612
Microsoft Corp.	455,000 par value	481,385	467,485
Microsoft Corp.	245,000 par value	247,102	270,867
MidAmerican Energy Co. 10/15/2024	500,000 par value	513,640	525,040
MidAmerican Energy Co. 09/15/2043	330,000 par value	356,846	383,797
Morgan Stanley	200,000 par value	224,878	217,262
National Rural Utility Coop	665,000 par value	665,000	665,140
Nike, Inc.	365,000 par value	347,162	346,290
Novartis Capital Corp.	420,000 par value	434,889	444,058
Omnicom Group, Inc.	405,000 par value	411,407	422,334
Oracle Corp.	360,000 par value	452,866	494,269
Pacific Gas & Electric	255,000 par value	329,990	332,094
PepsiCo, Inc.	400,000 par value	446,972	443,640
Pfizer, Inc.	240,000 par value	240,146	257,410
Qualcomm, Inc.	505,000 par value	506,520	509,232
Raytheon Company	180,000 par value	211,100	212,013
Regency Energy Part/Fin	450,000 par value	503,312	498,092
Shell International Fin	260,000 par value	253,133	250,539
Southern Cal Edison	320,000 par value	320,768	336,838
Southwestern Public Serv	440,000 par value	451,079	486,728
Statoil ASA	210,000 par value	196,997	210,590
Stryker Corp.	230,000 par value	249,348	242,310
TJX Cos., Inc.	235,000 par value	227,586	235,557
Toyota Motor Credit Corp.	140,000 par value	145,401	145,645
Trans-Canada Pipelines	200,000 par value	205,596	203,006
Travelers Cos., Inc.	225,000 par value	321,383	311,801
United Parcel Service	200,000 par value	189,540	193,246
United Technologies Corp.	380,000 par value	378,233	366,449
UnitedHealth Group, Inc.	185,000 par value	184,978	212,025
US Bancorp	225,000 par value	229,921	226,314
Ventas Realty LP	100,000 par value	101,713	100,477
Verizon Communications	475,000 par value	494,743	502,902
Visa, Inc.	230,000 par value	230,078	235,637
Walt Disney Company	240,000 par value	248,398	251,616
*Wells Fargo & Company 02/13/2023	455,000 par value	451,415	466,201
*Wells Fargo & Company 03/08/2022	500,000 par value	517,600	519,315
*Wells Fargo & Company 07/22/2027	250,000 par value	265,595	264,405
Westar Energy, Inc.	330,000 par value	337,844	331,745
American Credit Acceptance Rec	490,000 par value	489,419	490,985
AmeriCredit Automobile Receiva 12/08/2022	430,000 par value	429,915	427,622

Allison Transmission Hourly-Rate Employees Pension Plan

EIN 26-0413897 PN 004

Schedule H, Line 4i - Schedule of Assets (Held at End of Year) (Continued) September 30, 2017

(a)(b) Identity of Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
AmeriCredit Automobile Receiva 07/18/2023	455,000 par value	\$ 456,991	\$ 454,645
AmeriCredit Automobile Receiva 04/18/2023	370,000 par value	369,913	373,685
Chrysler Capital Auto Receivab	390,000 par value	389,931	388,807
Drive Auto Receivables Trust	400,000 par value	407,688	406,816
Five Guys Funding, LLC	330,000 par value	330,000	338,088
Sierra Receivables Funding Co.	239,953 par value	239,926	236,841
Comm Mortgage Trust	320,000 par value	256,945	256,076
Comm 2015-LC21 Mtg Tr	370,000 par value	360,280	356,909
Credit Suisse Mortgage Trust	230,000 par value	225,968	220,188
Govt Natl Mtg Assn	200,000 par value	175,430	185,150
JPMorgan Chase Commercial Mor	360,000 par value	349,861	349,798
Morgan Stanley Capital I Trust	550,000 par value	566,469	553,575
FREMF Mortgage Trust	370,000 par value	359,131	354,623
Govt Natl Mtg Assn 11/16/2055	300,000 par value	283,313	282,165
JPMorgan Chase Commercial Mor 10/06/2038	460,000 par value	469,434	451,863
JPMBB Commercial Mortgage Secu	635,000 par value	616,446	614,769
Sfave Commercial Mortgage Secu	410,000 par value	398,853	388,069
UBS-Citigroup Commercial Mortgage	500,000 par value	543,124	492,228
*Wells Fargo Commercial Mortgage 12/15/2059	205,000 par value	208,921	213,180
*Wells Fargo Commercial Mortgage 09/15/2050	430,000 par value	427,829	424,681
California St	320,000 par value	459,885	492,096
Electricite De France Sa	165,000 par value	176,908	182,412
Met Life Glob Funding I	395,000 par value	388,540	401,415
Roche Holding, Inc.	450,000 par value	478,962	466,466
Siemens Financiering mat	665,000 par value	684,667	684,225
Sprint Spectrum/Spec I	505,000 par value	510,375	512,575
		<u>49,776,905</u>	<u>50,264,697</u>
Mutual Funds			
Blackstone Alternative	149,348 shares	1,545,591	1,630,881
DFA Emerging Markets Core Equity	38,965 shares	731,150	845,157
Eaton Vance Atlanta Capital Smid-Cap	78,197 shares	2,120,146	2,501,524
Hartford International Opportunities	139,596 shares	2,225,427	2,515,526
PIMCO Commodity Real Return	126,927 shares	994,009	833,908
Principal Investors Real Estate	34,893 shares	763,281	821,724
		<u>8,379,604</u>	<u>9,148,720</u>
		<u>\$ 81,553,997</u>	<u>\$ 84,997,345</u>

* Parties-in-interest

Allison Transmission Hourly-Rate Employees Pension Plan

EIN 26-0413897 PN 004

Schedule H, Line 4j - Schedule of Reportable Transactions

Year Ended September 30, 2017

Identity	Description	Purchase Price	Selling Price	Lease Rental	Expenses Incurred With Transaction	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain
Issuer	Wells Fargo Advantage Treasury Plus Money Market Fund							
	Purchases	\$ 33,352,287				\$ 33,352,287	\$ 33,352,287	
	Sales		\$ 31,296,461			31,296,461	31,296,461	\$ -
Issuer	Northern Trust Collective S&P 500 Index							
	Purchases	2,940,000				2,940,000	2,940,000	
	Sales		3,057,911			2,940,000	3,057,911	117,911

Schedule SB, line 26 — Schedule of Active Participant Data

ATTAINED AGE	YEARS OF CREDITED SERVICE										TOTAL
	UNDER 1	1–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40 & UP	
Under 25											
25–29											
30–34			15								15
35–39			12	3	4						19
40–44			12	1	15	5					33
45–49			15	1	24	5					45
50–54			8	1	11	6	5	2			33
55–59			6	2	16	6	7	6	129	7	179
60–64			3		12	4	3	16	190	88	316
65–69			1		5	1	1	4	59	52	123
70 & up							2	1	17	22	42
Total			72	8	87	27	18	29	395	169	805

In each cell, the top number is the count of active participants for each age/service combination.

Schedule SB, Part V — Statement of Actuarial Assumptions/Methods

ACTUARIAL ASSUMPTIONS FOR OCTOBER 1, 2016 FUNDING VALUATION

DISCOUNT RATE SPONSOR ELECTIONS	10/01/2016	10/01/2016
• Segment rates or full yield curve	Segment	Segment
• Look-back months	0	0
• First 5 years	4.43%	1.52%
• Next 15 years	5.91%	3.78%
• Over 20 years	6.65%	4.76%
	Rationale: Interest rate prescribed by IRS.	
MORTALITY SPONSOR ELECTIONS		
• Healthy participants	Section 430(h)(3) prescribed separate generational annuitant and nonannuitant mortality tables. These tables are based on the RP-2000 mortality tables projected with mortality improvement based on Scale AA.	
• Disabled participants	Section 430(h)(3) prescribed separate generational annuitant and nonannuitant mortality tables. These tables are based on the RP-2000 mortality tables projected with mortality improvement based on Scale AA. Rationale: Mortality prescribed by IRS.	
OTHER ECONOMIC ASSUMPTIONS		
• Flat-dollar benefit increases	None Assumed	
• Inflation	None Assumed	
• Expenses	\$320,000 added to current year normal cost Rationale: Expenses are assumed to be equal to the prior Plan Year administration expenses plus expected PBGC Premiums for the current Plan Year rounded to the nearest \$10,000.	

Schedule SB, Part V — Statement of Actuarial Assumptions/Methods

DEMOGRAPHIC ASSUMPTIONS			
• Withdrawal	ATI ultimate withdrawal rates for hourly employees. See table of sample rates. Rationale: Based on an ATI experience study undertaken in 2014 using data from 2009 through 2013 and the expectation that this period will be representative of anticipated future experience.		
• Disability incidence	None Assumed		
• Retirement age	ATI retirement rates for hourly employees. See table of sample rates. Rationale: Based on an ATI experience study undertaken in 2014 using data from 2009 through 2013 and the expectation that this period will be representative of anticipated future experience.		
• Benefit commencement age for			
– Future vested deferred	65		
– Current vested deferred	65		
• Spouse assumptions	<u>MALE PARTICIPANTS</u>	<u>FEMALE PARTICIPANTS</u>	
– Percentage married	80%	45%	
– Spouse age difference	3 years younger	3 years older	
FORM OF PAYMENT – MALES	<u>SINGLE LIFE</u>	<u>65% J&S</u>	<u>50% J&S</u>
• Active retirements	100% of unmarried	100% of married	N/A
• Future vested deferred	100%	0%	N/A
• Future disabilities	N/A	N/A	N/A
• Future deaths	N/A	100% of married retirement eligible	100% of married not eligible
• Current vested deferred	100%	0%	N/A
	Rationale: Based on ATI experience; reviewed annually.		
UNPREDICTABLE CONTINGENT EVENT ASSUMPTIONS	Not applicable		

Schedule SB, Part V — Statement of Actuarial Assumptions/Methods

Table of Sample Rates

ATTAINED AGE	PERCENTAGE		
	WITHDRAWAL		
25	6.00%		
30	5.00%		
35	4.00%		
40	3.00%		
45	2.00%		
50	1.00%		
55	0.00%		
ATTAINED AGE	RETIREMENT		
	SVC<30	30-32	SVC>=32
50		10.00%	5.00%
51		10.00%	5.00%
52		10.00%	5.00%
53		10.00%	5.00%
54		10.00%	5.00%
55		20.00%	5.00%
56		10.00%	5.00%
57	10.00%	10.00%	5.00%
58	10.00%	10.00%	5.00%
59	7.50%	10.00%	5.00%
60	7.50%	20.00%	10.00%
61	7.50%	10.00%	10.00%
62	10.00%	20.00%	20.00%
63	10.00%	10.00%	10.00%
64	10.00%	10.00%	10.00%
65	20.00%	30.00%	30.00%
66	20.00%	30.00%	30.00%
67	20.00%	30.00%	30.00%
68	30.00%	30.00%	30.00%
69	50.00%	50.00%	50.00%
70+	100.00%	100.00%	100.00%

*Schedule SB, Part V — Statement of Actuarial Assumptions/Methods***ACTUARIAL METHODS****Asset Methods**

The asset valuation method is the fair market value, plus any discounted receivable contributions.

Participant Methods

Participants or former participants are included or excluded from the valuation as described below:

- **Participants included:** The plan sponsor provides us with data on all employees as of the valuation date.
- **Participants excluded:** No actuarial liability is included for nonvested participants who terminated prior to the valuation date. For this purpose, participants with a break in service on the valuation date are treated as terminated participants.
- **Insurance contracts:** The plan does not have any insurance contracts.

Minimum Funding Methods

The funding target for minimum funding calculations is computed using the traditional unit credit method of funding. The objective under this method is to fund each participant's benefits under the plan as they accrue. Thus, the total pension to which each participant is expected to become entitled at retirement is broken down into units, each associated with a year of past or future credited service.

A detailed description of the calculation follows:

- The plan's valuation date is the beginning of the plan year.
- An individual's **funding target** is the present value of future benefits based on credited service and average pay as of the beginning of the plan year, and an individual's **target normal cost** is the present value of the benefit expected to accrue in the plan year. If multiple decrements are used, the funding target and the target normal cost for an individual is the sum of the component funding targets and target normal costs associated with the various anticipated separation dates.
- The plan's **target normal cost** is the sum of the individual target normal costs, and the plan's **funding target** is the sum of the individual funding targets for all participants under the plan.



Allison Transmission Hourly-Rate Employees Pension Plan (EIN/PN: 26-0413897/004)
 Attachments to Schedule H (2016 Form 5500)
 Schedule H, Line 4j - Schedule of Reportable Transactions

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**REPORTABLE TRANSACTIONS - SINGLE / BY ISSUE
FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
	BEGINNING MARKET VALUE		79,898,283.94				
	COMPARATIVE VALUE (5%)		3,994,914.20				

*** NO TRANSACTIONS QUALIFIED ***

**REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
BEGINNING MARKET VALUE			79,898,283.94				
COMPARATIVE VALUE (5%)			3,994,914.20				
BROKER: CREDIT SUISSE SECURITIES (USA)							
22831106	ISSUE: 912828P46 - US TREASURY NOTE 1.625% 2/15/26 10/05/16 S	500,000	0.992	0	495,918	488,785	7,133
22831106	ISSUE: 82652YAB0 - SIERRA RECEIVABLES 2.63% 10/20/33 10/12/16 B	430,000	1.000	0	429,952-	429,952	
22831106	ISSUE: 912828R36 - US TREASURY NOTE 1.625% 5/15/26 11/14/16 S	130,000	0.945	0	122,901	128,575	-5,674
22831106	ISSUE: 912828U24 - US TREASURY NOTE 2% 11/15/26 01/12/17 B	975,000	0.972	0	947,578-	947,578	
22831106	ISSUE: 912828U81 - US TREASURY NOTE 2% 12/31/21 03/10/17 S	140,000	0.995	0	139,333	140,963	-1,630
22831106	ISSUE: 369604BH5 - GENERAL ELECTRIC CO 4.5% 3/11/44 04/13/17 B	295,000	1.101	0	324,680-	324,680	
22831106	ISSUE: 912810RS9 - US TREASURY BOND 2.5% 5/15/46 04/17/17 S	900,000	0.916	0	824,027	909,302	-85,275
22831106	ISSUE: 912828P46 - US TREASURY NOTE 1.625% 2/15/26 04/18/17 S	665,000	0.958	0	636,971	650,084	-13,113
22831106	ISSUE: 12634NBA5 - CSAIL COMMERCIAL MO 4.3536% 6/15/57 07/01/17 S	780,000	0.762	0	593,988	692,067	-98,079
22831106	ISSUE: 235851AR3 - DANAHER CORP 4.375% 9/15/45 07/14/17 S	525,000	1.092	0	573,521	523,866	49,655
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 07/14/17 B	470,000	1.018	0	478,372-	478,372	
22831106	ISSUE: 912810RU4 - US TREASURY BOND 2.875% 11/15/46 08/14/17 S	530,000	1.013	0	536,729	513,648	23,081
22831106	ISSUE: 05565QDL9 - BP CAPITAL MARKETS 3.224% 4/14/24 08/14/17 B	225,000	1.026	0	230,877-	230,877	
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 08/24/17 S	350,000	1.047	0	366,379	358,400	7,979
22831106	ISSUE: 437076BH4 - HOME DEPOT INC 4.25% 4/01/46 09/18/17 B	300,000	1.074	0	322,290-	322,290	
22831106	ISSUE: 983024AF7 - WYETH 6.45% 2/01/24 09/26/17 S	315,000	1.223	0	385,220	389,249	-4,029
22831106	ISSUE: 912810RX8 - US TREASURY BOND 3% 5/15/47 09/26/17 B	365,000	1.047	0	382,152-	382,152	

Allison Transmission Hourly-Rate Employees Pension Plan (EIN/PN: 26-0413897/004)
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**REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
SUB-TOTAL				0	7,790,888	7,910,840	-119,953
BROKER: BANC OF AMERICA SECURITIES LLC							
22831106	ISSUE: 912828T34 - US TREASURY NOTE 1.125% 9/30/21 10/19/16 B	210,000	0.995	0	208,884-	208,884	
22831106	ISSUE: 912828M56 - US TREASURY NOTE 2.25% 11/15/25 10/31/16 S	150,000	1.037	0	155,578	153,424	2,155
22831106	ISSUE: 912828P46 - US TREASURY NOTE 1.625% 2/15/26 11/04/16 S	520,000	0.989	0	514,211	508,337	5,874
22831106	ISSUE: 717081EC3 - PFIZER INC 4% 12/15/36 11/14/16 B	120,000	0.995	0	119,423-	119,423	
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 01/19/17 B	100,000	0.844	0	84,363-	84,363	
22831106	ISSUE: 912828U24 - US TREASURY NOTE 2% 11/15/26 01/19/17 B	500,000	0.960	0	479,727-	479,727	
22831106	ISSUE: 912810RU4 - US TREASURY BOND 2.875% 11/15/46 01/19/17 B	500,000	0.967	0	483,711-	483,711	
22831106	ISSUE: 912828M56 - US TREASURY NOTE 2.25% 11/15/25 01/31/17 S	50,000	0.985	0	49,270	51,141	-1,872
22831106	ISSUE: 912828P46 - US TREASURY NOTE 1.625% 2/15/26 02/10/17 S	50,000	0.937	0	46,842	48,879	-2,037
22831106	ISSUE: 912828R36 - US TREASURY NOTE 1.625% 5/15/26 02/10/17 S	80,000	0.935	0	74,781	79,123	-4,342
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 02/23/17 S	205,000	0.845	0	173,201	172,176	1,025
22831106	ISSUE: 912828V56 - US TREASURY NOTE 1.125% 1/31/19 03/10/17 S	195,000	0.996	0	194,170	194,467	-297
22831106	ISSUE: 912833Y38 - US TREAS SEC STRIPPED 03/10/17 S	200,000	0.534	0	99,478	99,478	0
22831106	ISSUE: 912828X70 - US TREASURY NOTE 2% 4/30/24 05/31/17 S	245,000	0.999	0	244,789	244,072	718
22831106	ISSUE: 912828X70 - US TREASURY NOTE 2% 4/30/24 06/02/17 S	100,000	1.002	0	100,203	99,621	582
22831106	ISSUE: 63946BAE0 - NBCUNIVERSAL MEDIA 4.375% 4/01/21 06/07/17 S	205,000	1.086	0	222,603	223,362	-759
22831106	ISSUE: 912828XR6 - US TREASURY NOTE 1.75% 5/31/22 06/07/17 B	165,000	1.002	0	165,258-	165,258	
22831106	ISSUE: 912828XR6 - US TREASURY NOTE 1.75% 5/31/22 06/13/17 S	310,000	0.999	0	309,588	310,162	-573
22831106	ISSUE: 20030NBW0 - COMCAST CORP 2.35% 1/15/27 06/27/17 B	355,000	0.943	0	334,843-	334,843	
22831106	ISSUE: 912828U24 - US TREASURY NOTE 2% 11/15/26 06/27/17 S	325,000	0.984	0	319,630	314,491	5,139

**REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	ISSUE: 912828P46 - US TREASURY NOTE 1.625% 2/15/26 06/29/17 S	360,000	0.953	0	342,998	351,925	-8,927
22831106	ISSUE: 912828X88 - US TREASURY NOTE 2.375% 5/15/27 07/26/17 B	400,000	1.005	0	401,844-	401,844	
22831106	ISSUE: 912828XW5 - US TREASURY NOTE 1.75% 6/30/22 08/01/17 S	75,000	0.997	0	74,789	74,783	6
22831106	ISSUE: 912828P46 - US TREASURY NOTE 1.625% 2/15/26 08/17/17 S	250,000	0.959	0	239,785	244,393	-4,607
22831106	ISSUE: 912828U24 - US TREASURY NOTE 2% 11/15/26 08/24/17 S	110,000	0.985	0	108,354	106,443	1,911
22831106	ISSUE: 912828P46 - US TREASURY NOTE 1.625% 2/15/26 09/06/17 S	520,000	0.970	0	504,319	508,337	-4,018
22831106	ISSUE: 912828U24 - US TREASURY NOTE 2% 11/15/26 09/06/17 S	170,000	0.993	0	168,732	164,503	4,229
22831106	ISSUE: 912828X88 - US TREASURY NOTE 2.375% 5/15/27 09/06/17 S	10,000	1.023	0	10,234	10,046	188
22831106	ISSUE: 912828X88 - US TREASURY NOTE 2.375% 5/15/27 09/07/17 S	335,000	1.027	0	344,042	336,544	7,498
22831106	ISSUE: 912828X88 - US TREASURY NOTE 2.375% 5/15/27 09/08/17 S	55,000	1.028	0	56,538	55,254	1,285
22831106	ISSUE: 9128282R0 - US TREASURY NOTE 2.25% 8/15/27 09/28/17 B	950,000	0.995	0	944,953-	944,953	
SUB-TOTAL				0	7,577,141	7,573,967	3,178

BROKER: CHASE SECURITIES INC

22831106	ISSUE: 03065TAG7 - AMERICREDIT AUTOMOBIL 2.74% 12/08/22 10/05/16 B	430,000	1.000	0	429,915-	429,915	
22831106	ISSUE: 912810RS9 - US TREASURY BOND 2.5% 5/15/46 10/25/16 B	280,000	1.000	0	279,858-	279,858	
22831106	ISSUE: 9128282A7 - US TREASURY NOTE 1.5% 8/15/26 11/04/16 S	105,000	0.974	0	102,297	101,866	431
22831106	ISSUE: 912828T67 - US TREASURY NOTE 1.25% 10/31/21 11/16/16 B	20,000	0.979	0	19,570-	19,570	
22831106	ISSUE: 912828U81 - US TREASURY NOTE 2% 12/31/21 01/12/17 B	140,000	1.007	0	140,963-	140,963	
22831106	ISSUE: 912810RM2 - US TREASURY BOND 3% 5/15/45 04/17/17 S	530,000	1.015	0	538,157	508,711	29,446
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 06/13/17 B	335,000	1.027	0	344,108-	344,108	
22831106	ISSUE: 927804FE9 - VIRGINIA ELECTRIC PO 6.35% 11/30/37 06/13/17 S	400,000	1.336	0	534,308	508,740	25,568
22831106	ISSUE: 465968AL9 - JP MORGAN CHASE CO 3.80685% 9/15/50 07/21/17 B	360,000	0.972	0	349,861-	349,861	

**REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 08/10/17 S	500,000	0.892	0	446,074	419,941	26,133
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 08/15/17 S	180,000	1.030	0	185,414	184,320	1,094
22831106	ISSUE: 912828P46 - US TREASURY NOTE 1.625% 2/15/26 08/18/17 S	80,000	0.960	0	76,775	78,206	-1,431
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 09/20/17 S	80,000	0.888	0	71,025	67,191	3,834
22831106	ISSUE: 912810RS9 - US TREASURY BOND 2.5% 5/15/46 09/21/17 S	20,000	0.938	0	18,759	20,207	-1,448
22831106	ISSUE: 912834QH4 - US TREASURY BOND 5/15/46 09/28/17 B	1,620,000	0.432	0	699,613-	699,613	
SUB-TOTAL				0	4,236,697	4,153,070	83,628

BROKER: CANTOR FITZGERALD & CO.

22831106	ISSUE: 85208NAA8 - P/P SPRINT SPECTRUM 3.36% 9/20/21 10/21/16 B	255,000	1.012	0	258,188-	258,188	
22831106	ISSUE: 913017CJ6 - UNITED TECHNOLOGIES 3.75% 11/01/46 10/31/16 B	380,000	0.995	0	378,233-	378,233	
22831106	ISSUE: 85208NAA8 - P/P SPRINT SPECTRUM 3.36% 9/20/21 11/08/16 B	250,000	1.009	0	252,188-	252,188	
22831106	ISSUE: 717081EC3 - PFIZER INC 4% 12/15/36 11/15/16 B	120,000	1.006	0	120,724-	120,724	
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 01/11/17 B	50,000	0.858	0	42,891-	42,891	
22831106	ISSUE: 29273RAP4 - ENERGY TRANSFER PART 6.05% 6/01/41 01/11/17 S	60,000	1.073	0	64,385	58,451	5,935
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 01/20/17 B	135,000	0.840	0	113,400-	113,400	
22831106	ISSUE: 29273RAP4 - ENERGY TRANSFER PART 6.05% 6/01/41 01/20/17 S	170,000	1.056	0	179,571	165,611	13,960
22831106	ISSUE: 594918CA0 - MICROSOFT CORP 4.25% 2/06/47 01/31/17 B	245,000	1.009	0	247,102-	247,102	
22831106	ISSUE: 037833CJ7 - APPLE INC 3.35% 2/09/27 02/03/17 B	105,000	1.006	0	105,621-	105,621	
22831106	ISSUE: 12189LBB6 - BURLINGTN NORTH SANT 4.125% 6/15/47 03/07/17 B	325,000	0.987	0	320,736-	320,736	
22831106	ISSUE: 26208CAN8 - DRIVE AUTO RECEIVABL 4.16% 5/15/24 03/10/17 B	400,000	1.019	0	407,688-	407,688	
22831106	ISSUE: 02529GAG7 - AMERICAN CREDIT ACCE 3.54% 3/13/23 03/10/17 B	110,000	0.997	0	109,613-	109,613	
22831106	ISSUE: 637432NN1 - NATIONAL RURAL UTIL 3.05% 4/25/27 04/18/17 B	665,000	1.000	0	665,000-	665,000	

**REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	ISSUE: 548661DP9 - LOWE'S COS INC 3.1% 5/03/27 04/25/17 B	330,000	0.994	0	328,145-	328,145	
22831106	ISSUE: 494368BW2 - KIMBERLY-CLARK CORP 3.9% 5/04/47 05/31/17 B	245,000	1.017	0	249,092-	249,092	
22831106	ISSUE: 755111BU4 - RAYTHEON COMPANY 4.875% 10/15/40 06/02/17 B	180,000	1.173	0	211,100-	211,100	
22831106	ISSUE: 225460AP2 - CREDIT SUISSE NEW YO 3.625% 9/09/24 07/11/17 B	325,000	1.032	0	335,566-	335,566	
22831106	ISSUE: 64972FH25 - NEW YORK N Y CITY MU 5.75% 6/15/41 08/02/17 S	330,000	1.342	0	442,860	444,424	-1,564
22831106	ISSUE: 00206RCS9 - AT&T INC 3.6% 2/17/23 08/02/17 B	205,000	1.035	0	212,111-	212,111	
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 08/02/17 B	315,000	1.030	0	324,352-	324,352	
22831106	ISSUE: 55279HAQ3 - MANUF & TRADERS TRUS 3.4% 8/17/27 08/17/17 B	265,000	1.010	0	267,666-	267,666	
22831106	ISSUE: 55279HAQ3 - MANUF & TRADERS TRUS 3.4% 8/17/27 08/18/17 B	80,000	1.010	0	80,838-	80,838	
22831106	ISSUE: 91159HHR4 - US BANCORP 3.15% 4/27/27 09/08/17 B	225,000	1.022	0	229,921-	229,921	
SUB-TOTAL				0	5,946,991	5,928,661	18,331

BROKER: JEFFERIES & COMPANY, INC.

22831106	ISSUE: 912810RS9 - US TREASURY BOND 2.5% 5/15/46 10/06/16 B	45,000	1.008	0	45,366-	45,366	
22831106	ISSUE: 913017BT5 - UNITED TECHNOLOGIES 4.5% 6/01/42 10/06/16 S	50,000	1.137	0	56,846	51,119	5,727
22831106	ISSUE: 912810RS9 - US TREASURY BOND 2.5% 5/15/46 10/07/16 B	150,000	1.006	0	150,844-	150,844	
22831106	ISSUE: 913017BT5 - UNITED TECHNOLOGIES 4.5% 6/01/42 10/07/16 S	175,000	1.137	0	198,895	178,915	19,980
22831106	ISSUE: 12649AAN9 - CREDIT SUISSE MORTG 4.3733% 9/15/37 10/25/16 S	280,000	0.968	0	271,031	276,653	-5,622
22831106	ISSUE: 268317AQ7 - P/P ELECTRICITE DE 4.95% 10/13/45 10/27/16 B	40,000	1.071	0	42,831-	42,831	
22831106	ISSUE: 268317AQ7 - P/P ELECTRICITE DE 4.95% 10/13/45 10/27/16 B	125,000	1.073	0	134,078-	134,078	
22831106	ISSUE: 912810RS9 - US TREASURY BOND 2.5% 5/15/46 11/04/16 B	205,000	0.988	0	202,502-	202,502	
22831106	ISSUE: 149123CB5 - CATERPILLAR INC 3.803% 8/15/42 11/04/16 S	255,000	1.009	0	257,252	252,611	4,641
22831106	ISSUE: 020002BC4 - ALLSTATE CORP 4.2% 12/15/46 12/09/16 B	325,000	0.992	0	322,416-	322,416	

**REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	ISSUE: 878091BD8 - P/P TEACHERS INSUR 4.9% 9/15/44 01/10/17 S	250,000	1.094	0	273,435	276,835	-3,400
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 01/10/17 B	240,000	0.857	0	205,650-	205,650	
22831106	ISSUE: 30251BAC2 - P/P FMR LLC 6.5% 12/14/40 01/11/17 S	110,000	1.254	0	137,916	135,775	2,141
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 01/11/17 B	105,000	0.858	0	90,038-	90,038	
22831106	ISSUE: 90268TAS3 - VR UBS-CITIGROUP 6.08395% 1/10/45 01/17/17 S	50,000	1.050	0	52,484	54,313	-1,828
22831106	ISSUE: 878091BD8 - P/P TEACHERS INSUR 4.9% 9/15/44 01/18/17 S	175,000	1.093	0	191,307	193,785	-2,478
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 01/18/17 B	165,000	0.856	0	141,178-	141,178	
22831106	ISSUE: 12649AAN9 - CREDIT SUISSE MORTG 4.3733% 9/15/37 01/31/17 B	30,000	0.945	0	28,358-	28,358	
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 02/01/17 B	210,000	0.836	0	175,547-	175,547	
22831106	ISSUE: 59156RBG2 - METLIFE INC 4.875% 11/13/43 02/01/17 S	220,000	1.075	0	236,436	229,031	7,405
22831106	ISSUE: 911312AY2 - UNITED PARCEL SERVIC 2.4% 11/15/26 02/13/17 B	200,000	0.948	0	189,540-	189,540	
22831106	ISSUE: 30251BAC2 - P/P FMR LLC 6.5% 12/14/40 02/17/17 S	305,000	1.278	0	389,802	376,466	13,336
22831106	ISSUE: 912810RU4 - US TREASURY BOND 2.875% 11/15/46 02/17/17 B	275,000	0.973	0	267,438-	267,438	
22831106	ISSUE: 931142DQ3 - WAL-MART STORES INC 4.3% 4/22/44 07/07/17 S	50,000	1.097	0	54,834	52,544	2,290
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 07/07/17 B	45,000	1.014	0	45,619-	45,619	
22831106	ISSUE: 151020AE4 - CELGENE CORP 3.95% 10/15/20 08/01/17 S	55,000	1.059	0	58,266	58,311	-45
22831106	ISSUE: 151020AE4 - CELGENE CORP 3.95% 10/15/20 08/02/17 S	395,000	1.058	0	417,882	418,780	-898
22831106	ISSUE: 694308GE1 - PACIFIC GAS & ELECTR 6.05% 3/01/34 08/15/17 B	255,000	1.294	0	329,990-	329,990	
22831106	ISSUE: 373334JW2 - GEORGIA POWER COMPAN 4.3% 3/15/42 08/24/17 B	445,000	1.056	0	469,755-	469,755	
22831106	ISSUE: 35177PAW7 - FRANCE TELECOM 4.125% 9/14/21 09/25/17 S	210,000	1.068	0	224,217	225,122	-905
22831106	ISSUE: 9128282S8 - US TREASURY NOTE 1.625% 8/31/22 09/25/17 B	175,000	0.989	0	173,100-	173,100	
SUB-TOTAL				0	5,834,853	5,794,510	40,345



Allison Transmission Hourly-Rate Employees Pension Plan (EIN/PN: 26-0413897/004)
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**REPORTABLE TRANSACTIONS - SERIES / BY BROKER
FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
ACCOUNT NUMBER 22831199**

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FOOTNOTES

* = SINGLE TRANSACTION IS 5% REPORTABLE
B = BUY TRANSACTION
S = SELL TRANSACTION
R = REINVESTMENT TRANSACTION

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
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BEGINNING MARKET VALUE	79,898,283.94
COMPARATIVE VALUE (5%)	3,994,914.20

ISSUE: VP7000061 - WF TREAS PLUS MM FD-INST #793

22831100	10/06/16 B	1,582	1.000	0	1,582-	1,582	
22831100	10/28/16 B	375,000	1.000	0	375,000-	375,000	
22831100	10/31/16 B	208	1.000	0	208-	208	
22831100	12/23/16 B	151,000	1.000	0	151,000-	151,000	
22831100	01/17/17 B	1,500,000	1.000	0	1,500,000-	1,500,000	
22831100	03/13/17 B	207,469	1.000	0	207,469-	207,469	
22831100	04/17/17 B	1,100,000	1.000	0	1,100,000-	1,100,000	
22831100	05/03/17 B	306	1.000	0	306-	306	
22831100	07/28/17 B	580,000	1.000	0	580,000-	580,000	
22831100	08/02/17 B	105,000	1.000	0	105,000-	105,000	
22831100	09/22/17 B	2,250,000	1.000	0	2,250,000-	2,250,000	
22831104	10/03/16 B	0	1.000	0	0-	0	
22831104	10/27/16 B	60,000	1.000	0	60,000-	60,000	
22831104	10/28/16 B	75,000	1.000	0	75,000-	75,000	
22831104	11/01/16 B	0	1.000	0	0-	0	
22831104	12/01/16 B	0	1.000	0	0-	0	
22831104	12/23/16 B	3,856,930	1.000	0	3,856,930-	3,856,930	
22831104	01/03/17 B	115	1.000	0	115-	115	
22831104	01/19/17 B	190,000	1.000	0	190,000-	190,000	
22831104	02/01/17 B	7	1.000	0	7-	7	
22831104	02/17/17 B	3,057,911	1.000	0	3,057,911-	3,057,911	
22831104	03/01/17 B	26	1.000	0	26-	26	
22831104	03/13/17 B	150,000	1.000	0	150,000-	150,000	
22831104	04/03/17 B	24	1.000	0	24-	24	
22831104	04/21/17 B	185,000	1.000	0	185,000-	185,000	
22831104	05/01/17 B	9	1.000	0	9-	9	
22831104	06/01/17 B	0	1.000	0	0-	0	
22831104	07/03/17 B	0	1.000	0	0-	0	
22831104	07/28/17 B	580,000	1.000	0	580,000-	580,000	
22831104	08/01/17 B	0	1.000	0	0-	0	
22831104	09/01/17 B	0	1.000	0	0-	0	
22831104	09/28/17 B	230,034	1.000	0	230,034-	230,034	
22831106	10/03/16 B	103,045	1.000	0	103,045-	103,045	
22831106	10/05/16 B	6,122	1.000	0	6,122-	6,122	
22831106	10/11/16 B	763,580	1.000	0	763,580-	763,580	
22831106	10/12/16 B	66,727	1.000	0	66,727-	66,727	
22831106	10/12/16 B	1,386	1.000	0	1,386-	1,386	

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	10/14/16 B	24,733	1.000	0	24,733-	24,733	
22831106	10/17/16 B	465,418	1.000	0	465,418-	465,418	
22831106	10/17/16 B	2,737	1.000	0	2,737-	2,737	
22831106	10/17/16 B	2,243	1.000	0	2,243-	2,243	
22831106	10/18/16 B	19,456	1.000	0	19,456-	19,456	
22831106	10/18/16 B	1,094	1.000	0	1,094-	1,094	
22831106	10/20/16 B	1,828	1.000	0	1,828-	1,828	
22831106	10/26/16 B	208,668	1.000	0	208,668-	208,668	
22831106	11/01/16 B	246,225	1.000	0	246,225-	246,225	
22831106	11/02/16 B	39,195	1.000	0	39,195-	39,195	
22831106	11/09/16 B	384,431	1.000	0	384,431-	384,431	
22831106	11/10/16 B	8,250	1.000	0	8,250-	8,250	
22831106	11/14/16 B	414,274	1.000	0	414,274-	414,274	
22831106	11/15/16 B	50,635	1.000	0	50,635-	50,635	
22831106	11/16/16 B	11,680	1.000	0	11,680-	11,680	
22831106	11/17/16 B	729	1.000	0	729-	729	
22831106	11/21/16 B	20,184	1.000	0	20,184-	20,184	
22831106	11/23/16 B	416,653	1.000	0	416,653-	416,653	
22831106	11/28/16 B	399,962	1.000	0	399,962-	399,962	
22831106	11/29/16 B	1,875	1.000	0	1,875-	1,875	
22831106	11/30/16 B	12,700	1.000	0	12,700-	12,700	
22831106	12/01/16 B	35,773	1.000	0	35,773-	35,773	
22831106	12/07/16 B	1,499	1.000	0	1,499-	1,499	
22831106	12/08/16 B	1,094	1.000	0	1,094-	1,094	
22831106	12/09/16 B	982	1.000	0	982-	982	
22831106	12/12/16 B	7,010	1.000	0	7,010-	7,010	
22831106	12/12/16 B	1,966	1.000	0	1,966-	1,966	
22831106	12/13/16 B	8,549	1.000	0	8,549-	8,549	
22831106	12/15/16 B	44,711	1.000	0	44,711-	44,711	
22831106	12/16/16 B	2,288	1.000	0	2,288-	2,288	
22831106	12/19/16 B	6,485	1.000	0	6,485-	6,485	
22831106	12/20/16 B	30,126	1.000	0	30,126-	30,126	
22831106	12/23/16 B	750,000	1.000	0	750,000-	750,000	
22831106	12/27/16 B	3,590	1.000	0	3,590-	3,590	
22831106	01/03/17 B	177	1.000	0	177-	177	
22831106	01/05/17 B	23,059	1.000	0	23,059-	23,059	
22831106	01/09/17 B	4,850	1.000	0	4,850-	4,850	
22831106	01/10/17 B	9,225	1.000	0	9,225-	9,225	
22831106	01/12/17 B	7,260	1.000	0	7,260-	7,260	
22831106	01/12/17 B	2,779	1.000	0	2,779-	2,779	
22831106	01/13/17 B	75,116	1.000	0	75,116-	75,116	
22831106	01/17/17 B	672,906	1.000	0	672,906-	672,906	
22831106	01/18/17 B	729	1.000	0	729-	729	
22831106	01/19/17 B	7,242	1.000	0	7,242-	7,242	
22831106	01/19/17 B	1,000,000	1.000	0	1,000,000-	1,000,000	
22831106	01/20/17 B	23,449	1.000	0	23,449-	23,449	

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
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22831106	01/20/17 B	52,644	1.000	0	52,644-	52,644	
22831106	01/23/17 B	56,928	1.000	0	56,928-	56,928	
22831106	01/25/17 B	66,368	1.000	0	66,368-	66,368	
22831106	01/30/17 B	3,515	1.000	0	3,515-	3,515	
22831106	02/01/17 B	372,814	1.000	0	372,814-	372,814	
22831106	02/02/17 B	3,185	1.000	0	3,185-	3,185	
22831106	02/03/17 B	13,672	1.000	0	13,672-	13,672	
22831106	02/06/17 B	351,308	1.000	0	351,308-	351,308	
22831106	02/08/17 B	982	1.000	0	982-	982	
22831106	02/08/17 B	488	1.000	0	488-	488	
22831106	02/10/17 B	1,484	1.000	0	1,484-	1,484	
22831106	02/10/17 B	4,492	1.000	0	4,492-	4,492	
22831106	02/13/17 B	13,328	1.000	0	13,328-	13,328	
22831106	02/16/17 B	11,925	1.000	0	11,925-	11,925	
22831106	02/17/17 B	2,233	1.000	0	2,233-	2,233	
22831106	02/17/17 B	3,495	1.000	0	3,495-	3,495	
22831106	02/21/17 B	6,450	1.000	0	6,450-	6,450	
22831106	02/21/17 B	19,172	1.000	0	19,172-	19,172	
22831106	02/23/17 B	130,338	1.000	0	130,338-	130,338	
22831106	03/01/17 B	21,484	1.000	0	21,484-	21,484	
22831106	03/07/17 B	1,499	1.000	0	1,499-	1,499	
22831106	03/08/17 B	9,732	1.000	0	9,732-	9,732	
22831106	03/08/17 B	1,094	1.000	0	1,094-	1,094	
22831106	03/10/17 B	3,856	1.000	0	3,856-	3,856	
22831106	03/13/17 B	16,196	1.000	0	16,196-	16,196	
22831106	03/14/17 B	3,250	1.000	0	3,250-	3,250	
22831106	03/15/17 B	84,074	1.000	0	84,074-	84,074	
22831106	03/16/17 B	304,827	1.000	0	304,827-	304,827	
22831106	03/17/17 B	838	1.000	0	838-	838	
22831106	03/17/17 B	7,242	1.000	0	7,242-	7,242	
22831106	03/23/17 B	7,394	1.000	0	7,394-	7,394	
22831106	03/24/17 B	245,063	1.000	0	245,063-	245,063	
22831106	03/24/17 B	17,770	1.000	0	17,770-	17,770	
22831106	03/27/17 B	222,770	1.000	0	222,770-	222,770	
22831106	03/28/17 B	42,168	1.000	0	42,168-	42,168	
22831106	03/29/17 B	2,545	1.000	0	2,545-	2,545	
22831106	03/30/17 B	14,355	1.000	0	14,355-	14,355	
22831106	04/03/17 B	42,901	1.000	0	42,901-	42,901	
22831106	04/05/17 B	6,122	1.000	0	6,122-	6,122	
22831106	04/07/17 B	1,131	1.000	0	1,131-	1,131	
22831106	04/10/17 B	982	1.000	0	982-	982	
22831106	04/12/17 B	2,031	1.000	0	2,031-	2,031	
22831106	04/12/17 B	1,533	1.000	0	1,533-	1,533	
22831106	04/12/17 B	2,611	1.000	0	2,611-	2,611	
22831106	04/13/17 B	1,374	1.000	0	1,374-	1,374	
22831106	04/17/17 B	56,336	1.000	0	56,336-	56,336	

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
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22831106	04/17/17 B	3,350	1.000	0	3,350-	3,350	
22831106	04/17/17 B	783	1.000	0	783-	783	
22831106	04/19/17 B	3	1.000	0	3-	3	
22831106	04/20/17 B	1,673,808	1.000	0	1,673,808-	1,673,808	
22831106	04/21/17 B	539,121	1.000	0	539,121-	539,121	
22831106	04/21/17 B	635,000	1.000	0	635,000-	635,000	
22831106	04/24/17 B	7,525	1.000	0	7,525-	7,525	
22831106	05/01/17 B	38,889	1.000	0	38,889-	38,889	
22831106	05/04/17 B	246,575	1.000	0	246,575-	246,575	
22831106	05/05/17 B	7,737	1.000	0	7,737-	7,737	
22831106	05/09/17 B	1,094	1.000	0	1,094-	1,094	
22831106	05/10/17 B	9,750	1.000	0	9,750-	9,750	
22831106	05/11/17 B	481	1.000	0	481-	481	
22831106	05/15/17 B	46,142	1.000	0	46,142-	46,142	
22831106	05/16/17 B	12,864	1.000	0	12,864-	12,864	
22831106	05/17/17 B	3,575	1.000	0	3,575-	3,575	
22831106	05/18/17 B	4,505	1.000	0	4,505-	4,505	
22831106	05/22/17 B	24,919	1.000	0	24,919-	24,919	
22831106	05/26/17 B	29,041	1.000	0	29,041-	29,041	
22831106	05/30/17 B	305,377	1.000	0	305,377-	305,377	
22831106	05/31/17 B	6,977	1.000	0	6,977-	6,977	
22831106	06/01/17 B	32,913	1.000	0	32,913-	32,913	
22831106	06/02/17 B	316,606	1.000	0	316,606-	316,606	
22831106	06/05/17 B	276	1.000	0	276-	276	
22831106	06/08/17 B	4,350	1.000	0	4,350-	4,350	
22831106	06/09/17 B	2,112	1.000	0	2,112-	2,112	
22831106	06/12/17 B	66,602	1.000	0	66,602-	66,602	
22831106	06/13/17 B	275,249	1.000	0	275,249-	275,249	
22831106	06/14/17 B	3,623	1.000	0	3,623-	3,623	
22831106	06/15/17 B	50,955	1.000	0	50,955-	50,955	
22831106	06/19/17 B	4,605	1.000	0	4,605-	4,605	
22831106	06/19/17 B	1,125	1.000	0	1,125-	1,125	
22831106	06/20/17 B	28,151	1.000	0	28,151-	28,151	
22831106	06/23/17 B	266,020	1.000	0	266,020-	266,020	
22831106	07/03/17 B	340	1.000	0	340-	340	
22831106	07/05/17 B	9,012	1.000	0	9,012-	9,012	
22831106	07/07/17 B	1,094	1.000	0	1,094-	1,094	
22831106	07/10/17 B	11,706	1.000	0	11,706-	11,706	
22831106	07/11/17 B	20,840	1.000	0	20,840-	20,840	
22831106	07/12/17 B	15,459	1.000	0	15,459-	15,459	
22831106	07/12/17 B	3,294	1.000	0	3,294-	3,294	
22831106	07/13/17 B	1,446	1.000	0	1,446-	1,446	
22831106	07/14/17 B	51,055	1.000	0	51,055-	51,055	
22831106	07/17/17 B	50,507	1.000	0	50,507-	50,507	
22831106	07/17/17 B	3,000	1.000	0	3,000-	3,000	
22831106	07/18/17 B	96,697	1.000	0	96,697-	96,697	

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
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22831106	07/18/17 B	1,277	1.000	0	1,277-	1,277	
22831106	07/19/17 B	97,062	1.000	0	97,062-	97,062	
22831106	07/20/17 B	17,874	1.000	0	17,874-	17,874	
22831106	07/24/17 B	22,231	1.000	0	22,231-	22,231	
22831106	07/25/17 B	2,393	1.000	0	2,393-	2,393	
22831106	07/31/17 B	62,188	1.000	0	62,188-	62,188	
22831106	08/01/17 B	53,686	1.000	0	53,686-	53,686	
22831106	08/02/17 B	78,092	1.000	0	78,092-	78,092	
22831106	08/04/17 B	58,924	1.000	0	58,924-	58,924	
22831106	08/07/17 B	330,629	1.000	0	330,629-	330,629	
22831106	08/08/17 B	982	1.000	0	982-	982	
22831106	08/08/17 B	1,131	1.000	0	1,131-	1,131	
22831106	08/09/17 B	5,360	1.000	0	5,360-	5,360	
22831106	08/11/17 B	9,354	1.000	0	9,354-	9,354	
22831106	08/11/17 B	2,031	1.000	0	2,031-	2,031	
22831106	08/14/17 B	150,830	1.000	0	150,830-	150,830	
22831106	08/15/17 B	20,196	1.000	0	20,196-	20,196	
22831106	08/16/17 B	10,723	1.000	0	10,723-	10,723	
22831106	08/17/17 B	792,737	1.000	0	792,737-	792,737	
22831106	08/17/17 B	3,155	1.000	0	3,155-	3,155	
22831106	08/17/17 B	2,287	1.000	0	2,287-	2,287	
22831106	08/18/17 B	1,055	1.000	0	1,055-	1,055	
22831106	08/18/17 B	5,625	1.000	0	5,625-	5,625	
22831106	08/25/17 B	1,324	1.000	0	1,324-	1,324	
22831106	08/25/17 B	40	1.000	0	40-	40	
22831106	09/01/17 B	43,175	1.000	0	43,175-	43,175	
22831106	09/07/17 B	456,695	1.000	0	456,695-	456,695	
22831106	09/08/17 B	169,223	1.000	0	169,223-	169,223	
22831106	09/08/17 B	53,264	1.000	0	53,264-	53,264	
22831106	09/11/17 B	25,120	1.000	0	25,120-	25,120	
22831106	09/12/17 B	2,604	1.000	0	2,604-	2,604	
22831106	09/12/17 B	1,373	1.000	0	1,373-	1,373	
22831106	09/13/17 B	9,085	1.000	0	9,085-	9,085	
22831106	09/15/17 B	55,921	1.000	0	55,921-	55,921	
22831106	09/15/17 B	1,925	1.000	0	1,925-	1,925	
22831106	09/18/17 B	6,730	1.000	0	6,730-	6,730	
22831106	09/18/17 B	1,504	1.000	0	1,504-	1,504	
22831106	09/19/17 B	11,305	1.000	0	11,305-	11,305	
22831106	09/20/17 B	174,305	1.000	0	174,305-	174,305	
22831106	09/21/17 B	247,609	1.000	0	247,609-	247,609	
22831106	09/25/17 B	286,649	1.000	0	286,649-	286,649	
22831106	09/27/17 B	233,607	1.000	0	233,607-	233,607	
22831106	09/28/17 B	139	1.000	0	139-	139	
22831106	09/28/17 B	1,640,000	1.000	0	1,640,000-	1,640,000	

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
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SUB-TOTAL OF BUYS # 219				0	33,352,287	33,352,287	
22831100	10/03/16 S	115,047	1.000	0	115,047	115,047	0
22831100	10/07/16 S	1,790	1.000	0	1,790	1,790	0
22831100	10/11/16 S	660	1.000	0	660	660	0
22831100	10/12/16 S	39,403	1.000	0	39,403	39,403	0
22831100	10/20/16 S	11,924	1.000	0	11,924	11,924	0
22831100	10/24/16 S	1,030	1.000	0	1,030	1,030	0
22831100	11/01/16 S	112,922	1.000	0	112,922	112,922	0
22831100	11/02/16 S	1,807	1.000	0	1,807	1,807	0
22831100	11/03/16 S	1,622	1.000	0	1,622	1,622	0
22831100	11/14/16 S	1,914	1.000	0	1,914	1,914	0
22831100	11/18/16 S	265	1.000	0	265	265	0
22831100	11/21/16 S	967	1.000	0	967	967	0
22831100	11/28/16 S	8,339	1.000	0	8,339	8,339	0
22831100	12/01/16 S	117,140	1.000	0	117,140	117,140	0
22831100	12/02/16 S	328	1.000	0	328	328	0
22831100	12/07/16 S	1,241	1.000	0	1,241	1,241	0
22831100	12/16/16 S	178	1.000	0	178	178	0
22831100	12/21/16 S	508	1.000	0	508	508	0
22831100	12/22/16 S	38,912	1.000	0	38,912	38,912	0
22831100	01/03/17 S	118,505	1.000	0	118,505	118,505	0
22831100	01/05/17 S	502	1.000	0	502	502	0
22831100	01/19/17 S	1,190,000	1.000	0	1,190,000	1,190,000	0
22831100	01/20/17 S	12,238	1.000	0	12,238	12,238	0
22831100	01/23/17 S	4,568	1.000	0	4,568	4,568	0
22831100	01/23/17 S	37,396	1.000	0	37,396	37,396	0
22831100	01/25/17 S	493	1.000	0	493	493	0
22831100	02/01/17 S	123,953	1.000	0	123,953	123,953	0
22831100	02/08/17 S	9,153	1.000	0	9,153	9,153	0
22831100	02/17/17 S	1,013	1.000	0	1,013	1,013	0
22831100	03/01/17 S	123,786	1.000	0	123,786	123,786	0
22831100	03/10/17 S	8,249	1.000	0	8,249	8,249	0
22831100	03/27/17 S	826	1.000	0	826	826	0
22831100	04/03/17 S	123,514	1.000	0	123,514	123,514	0
22831100	04/12/17 S	38,337	1.000	0	38,337	38,337	0
22831100	04/18/17 S	223	1.000	0	223	223	0
22831100	04/19/17 S	90	1.000	0	90	90	0
22831100	04/20/17 S	12,847	1.000	0	12,847	12,847	0
22831100	04/21/17 S	2,076	1.000	0	2,076	2,076	0
22831100	04/21/17 S	965,000	1.000	0	965,000	965,000	0
22831100	04/24/17 S	1,419	1.000	0	1,419	1,419	0
22831100	05/01/17 S	126,045	1.000	0	126,045	126,045	0
22831100	05/04/17 S	636	1.000	0	636	636	0
22831100	05/24/17 S	992	1.000	0	992	992	0

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831100	06/01/17 S	126,562	1.000	0	126,562	126,562	0
22831100	06/14/17 S	1,011	1.000	0	1,011	1,011	0
22831100	06/22/17 S	1,909	1.000	0	1,909	1,909	0
22831100	06/30/17 S	8,576	1.000	0	8,576	8,576	0
22831100	07/03/17 S	126,866	1.000	0	126,866	126,866	0
22831100	07/11/17 S	75,136	1.000	0	75,136	75,136	0
22831100	07/20/17 S	12,392	1.000	0	12,392	12,392	0
22831100	07/20/17 S	39,606	1.000	0	39,606	39,606	0
22831100	07/24/17 S	3,279	1.000	0	3,279	3,279	0
22831100	07/25/17 S	4,175	1.000	0	4,175	4,175	0
22831100	08/01/17 S	132,224	1.000	0	132,224	132,224	0
22831100	08/07/17 S	1,411	1.000	0	1,411	1,411	0
22831100	08/08/17 S	6,952	1.000	0	6,952	6,952	0
22831100	08/23/17 S	11	1.000	0	11	11	0
22831100	09/01/17 S	136,105	1.000	0	136,105	136,105	0
22831100	09/05/17 S	6,035	1.000	0	6,035	6,035	0
22831100	09/15/17 S	536	1.000	0	536	536	0
22831100	09/28/17 S	1,910,000	1.000	0	1,910,000	1,910,000	0
22831104	10/28/16 S	135,000	1.000	0	135,000	135,000	0
22831104	12/23/16 S	901,000	1.000	0	901,000	901,000	0
22831104	12/27/16 S	2,940,000	1.000	0	2,940,000	2,940,000	0
22831104	01/20/17 S	190,000	1.000	0	190,000	190,000	0
22831104	02/17/17 S	2,892,000	1.000	0	2,892,000	2,892,000	0
22831104	03/13/17 S	125,000	1.000	0	125,000	125,000	0
22831104	03/13/17 S	207,469	1.000	0	207,469	207,469	0
22831104	04/24/17 S	185,000	1.000	0	185,000	185,000	0
22831104	07/28/17 S	580,000	1.000	0	580,000	580,000	0
22831104	09/28/17 S	34	1.000	0	34	34	0
22831104	09/29/17 S	230,000	1.000	0	230,000	230,000	0
22831106	10/11/16 S	251,212	1.000	0	251,212	251,212	0
22831106	10/13/16 S	378,549	1.000	0	378,549	378,549	0
22831106	10/19/16 S	429,952	1.000	0	429,952	429,952	0
22831106	10/20/16 S	371	1.000	0	371	371	0
22831106	10/24/16 S	301	1.000	0	301	301	0
22831106	10/27/16 S	258,188	1.000	0	258,188	258,188	0
22831106	10/28/16 S	17,820	1.000	0	17,820	17,820	0
22831106	10/28/16 S	240,000	1.000	0	240,000	240,000	0
22831106	11/03/16 S	211,677	1.000	0	211,677	211,677	0
22831106	11/04/16 S	191,121	1.000	0	191,121	191,121	0
22831106	11/14/16 S	252,584	1.000	0	252,584	252,584	0
22831106	11/17/16 S	383	1.000	0	383	383	0
22831106	11/21/16 S	100,810	1.000	0	100,810	100,810	0
22831106	11/22/16 S	536,406	1.000	0	536,406	536,406	0
22831106	12/08/16 S	203,473	1.000	0	203,473	203,473	0
22831106	12/14/16 S	305,534	1.000	0	305,534	305,534	0
22831106	12/16/16 S	370	1.000	0	370	370	0

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	12/29/16 S	839,214	1.000	0	839,214	839,214	0
22831106	01/18/17 S	934,776	1.000	0	934,776	934,776	0
22831106	01/23/17 S	1,828	1.000	0	1,828	1,828	0
22831106	01/24/17 S	934,166	1.000	0	934,166	934,166	0
22831106	02/03/17 S	28,365	1.000	0	28,365	28,365	0
22831106	02/07/17 S	249,796	1.000	0	249,796	249,796	0
22831106	02/09/17 S	320,834	1.000	0	320,834	320,834	0
22831106	02/14/17 S	172,412	1.000	0	172,412	172,412	0
22831106	02/15/17 S	6,450	1.000	0	6,450	6,450	0
22831106	02/27/17 S	57,953	1.000	0	57,953	57,953	0
22831106	02/28/17 S	47,819	1.000	0	47,819	47,819	0
22831106	03/02/17 S	329,910	1.000	0	329,910	329,910	0
22831106	03/10/17 S	19,350	1.000	0	19,350	19,350	0
22831106	03/15/17 S	109,754	1.000	0	109,754	109,754	0
22831106	03/20/17 S	237,717	1.000	0	237,717	237,717	0
22831106	03/27/17 S	222,770	1.000	0	222,770	222,770	0
22831106	03/29/17 S	176,744	1.000	0	176,744	176,744	0
22831106	03/29/17 S	2,498	1.000	0	2,498	2,498	0
22831106	03/31/17 S	175,863	1.000	0	175,863	175,863	0
22831106	04/07/17 S	48,519	1.000	0	48,519	48,519	0
22831106	04/18/17 S	87,421	1.000	0	87,421	87,421	0
22831106	04/19/17 S	16,274	1.000	0	16,274	16,274	0
22831106	04/20/17 S	1,545,206	1.000	0	1,545,206	1,545,206	0
22831106	04/25/17 S	665,000	1.000	0	665,000	665,000	0
22831106	05/03/17 S	318,679	1.000	0	318,679	318,679	0
22831106	05/03/17 S	3	1.000	0	3	3	0
22831106	05/08/17 S	160,645	1.000	0	160,645	160,645	0
22831106	05/12/17 S	333,592	1.000	0	333,592	333,592	0
22831106	05/17/17 S	369,913	1.000	0	369,913	369,913	0
22831106	06/02/17 S	336,664	1.000	0	336,664	336,664	0
22831106	06/07/17 S	110,409	1.000	0	110,409	110,409	0
22831106	06/13/17 S	170,026	1.000	0	170,026	170,026	0
22831106	06/16/17 S	9,819	1.000	0	9,819	9,819	0
22831106	06/26/17 S	152,148	1.000	0	152,148	152,148	0
22831106	06/27/17 S	330,000	1.000	0	330,000	330,000	0
22831106	06/28/17 S	6,769	1.000	0	6,769	6,769	0
22831106	06/30/17 S	18,224	1.000	0	18,224	18,224	0
22831106	07/31/17 S	340,383	1.000	0	340,383	340,383	0
22831106	07/31/17 S	445,051	1.000	0	445,051	445,051	0
22831106	08/02/17 S	104,909	1.000	0	104,909	104,909	0
22831106	08/15/17 S	355,121	1.000	0	355,121	355,121	0
22831106	08/18/17 S	150,547	1.000	0	150,547	150,547	0
22831106	08/21/17 S	322,840	1.000	0	322,840	322,840	0
22831106	08/22/17 S	552,668	1.000	0	552,668	552,668	0
22831106	08/23/17 S	4,080	1.000	0	4,080	4,080	0
22831106	08/29/17 S	2,706	1.000	0	2,706	2,706	0

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	09/08/17 S	237,992	1.000	0	237,992	237,992	0
22831106	09/12/17 S	400,205	1.000	0	400,205	400,205	0
22831106	09/13/17 S	103,117	1.000	0	103,117	103,117	0
22831106	09/20/17 S	195,191	1.000	0	195,191	195,191	0
22831106	09/21/17 S	385,905	1.000	0	385,905	385,905	0
22831106	09/28/17 S	433,318	1.000	0	433,318	433,318	0
SUB-TOTAL OF SALES # 141				0	31,296,461	31,296,461	0
SUB-TOTAL				0	64,648,748	64,648,748	0
ISSUE: 66586W417 - N TR GLB INVEST/N TR COLLECTIVE S&P							
22831104	12/23/16 B	14,944	196.730	0	2,940,000-	2,940,000	
SUB-TOTAL OF BUYS # 1				0	2,940,000	2,940,000	
22831104	02/16/17 S	14,944	204.620	0	3,057,911	2,940,000	117,911
SUB-TOTAL OF SALES # 1				0	3,057,911	2,940,000	117,911
SUB-TOTAL				0	5,997,911	5,880,000	117,911
GRAND TOTAL				0	70,646,659	70,528,748	117,911

FOOTNOTES

* = SINGLE TRANSACTION IS 5% REPORTABLE
 B = BUY TRANSACTION
 S = SELL TRANSACTION
 R = REINVESTMENT TRANSACTION



Allison Transmission Hourly-Rate Employees Pension Plan (EIN/PN: 26-0413897/004)
 Attachments to Schedule H (2016 Form 5500)
 Schedule H, Line 4j - Schedule of Reportable Transactions

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**REPORTABLE TRANSACTIONS - SINGLE / BY BROKER
FOR THE PERIOD OCTOBER 1, 2016 THROUGH SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
ACCOUNT NUMBER 22831199**

TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
	BEGINNING MARKET VALUE		79,898,283.94				
	COMPARATIVE VALUE (5%)		3,994,914.20				

*** NO TRANSACTIONS QUALIFIED FOR THIS REPORT ***

FOOTNOTES

* = SINGLE TRANSACTION IS 5% REPORTABLE
B = BUY TRANSACTION
S = SELL TRANSACTION
R = REINVESTMENT TRANSACTION

SCHEDULE SB (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Single-Employer Defined Benefit Plan Actuarial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6059 of the Internal Revenue Code (the Code). File as an attachment to Form 5500 or 5500-SF.	OMB No. 1210-0110 2016 This Form is Open to Public Inspection
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For calendar plan year 2016 or fiscal plan year beginning 10/01/2016 and ending 09/30/2017

▶ **Round off amounts to nearest dollar.**

▶ **Caution:** A penalty of \$1,000 will be assessed for late filing of this report unless reasonable cause is established.

A Name of plan ALLISON TRANSMISSION HOURLY-RATE EMPLOYEES PENSION PLAN	B Three-digit plan number (PN) ▶	004
C Plan sponsor's name as shown on line 2a of Form 5500 or 5500-SF ALLISON TRANSMISSION, INC.	D Employer Identification Number (EIN) 26-0413897	
E Type of plan: ☒ Single ☐ Multiple-A ☐ Multiple-B	F Prior year plan size: ☐ 100 or fewer ☐ 101-500 ☒ More than 500	

Part I Basic Information

1	Enter the valuation date: Month <u>10</u> Day <u>01</u> Year <u>2016</u>	
2	Assets:	
	a Market value.....	2a 79,898,284
	b Actuarial value.....	2b 79,898,284
3	Funding target/participant count breakdown	
	a For retired participants and beneficiaries receiving payment.....	(1) Number of participants: 248 (2) Vested Funding Target: 13,199,156 (3) Total Funding Target: 13,199,156
	b For terminated vested participants.....	123 2,038,553 2,038,553
	c For active participants.....	805 40,816,527 42,282,633
	d Total.....	1,176 56,054,236 57,520,342
4	If the plan is in at-risk status, check the box and complete lines (a) and (b)..... ☐	
	a Funding target disregarding prescribed at-risk assumptions.....	4a
	b Funding target reflecting at-risk assumptions, but disregarding transition rule for plans that have been in at-risk status for fewer than five consecutive years and disregarding loading factor.....	4b
5	Effective interest rate.....	5 6.14%
6	Target normal cost.....	6 3,560,950

Statement by Enrolled Actuary

To the best of my knowledge, the information supplied in this schedule and accompanying schedules, statements and attachments, if any, is complete and accurate. Each prescribed assumption was applied in accordance with applicable law and regulations. In my opinion, each other assumption is reasonable (taking into account the experience of the plan and reasonable expectations) and such other assumptions, in combination, offer my best estimate of anticipated experience under the plan.

SIGN HERE	<div style="border-bottom: 1px solid black; margin-bottom: 5px;"> <i>David L Jakes, Jr</i> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> Signature of actuary </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> DAVID L. JAKES, FSA, EA, MAAA </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> Type or print name of actuary </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> MERCER </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> Firm name </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> 325 JOHN H MCCONNELL BLVD SUITE 350 COLUMBUS OH 43215 </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px;"> Address of the firm </div>	<div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;"> <i>7/10/2018</i> </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;"> Date </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;"> 1705110 </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;"> Most recent enrollment number </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;"> 614-227-5555 </div> <div style="border-bottom: 1px solid black; margin-bottom: 5px; text-align: center;"> Telephone number (including area code) </div>
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If the actuary has not fully reflected any regulation or ruling promulgated under the statute in completing this schedule, check the box and see instructions ☐

For Paperwork Reduction Act Notice, see the Instructions for Form 5500 or 5500-SF.

**Schedule SB (Form 5500) 2016
v. 160205**

Part II Beginning of Year Carryover and Prefunding Balances

	(a) Carryover balance	(b) Prefunding balance
7 Balance at beginning of prior year after applicable adjustments (line 13 from prior year)	0	0
8 Portion elected for use to offset prior year's funding requirement (line 35 from prior year)	0	0
9 Amount remaining (line 7 minus line 8)	0	0
10 Interest on line 9 using prior year's actual return of <u>11.01%</u>	0	0
11 Prior year's excess contributions to be added to prefunding balance:		
a Present value of excess contributions (line 38a from prior year)		483,727
b(1) Interest on the excess, if any, of line 38a over line 38b from prior year Schedule SB, using prior year's effective interest rate of <u>6.34%</u>		30,668
b(2) Interest on line 38b from prior year Schedule SB, using prior year's actual return		0
c Total available at beginning of current plan year to add to prefunding balance		514,395
d Portion of (c) to be added to prefunding balance		
12 Other reductions in balances due to elections or deemed elections		
13 Balance at beginning of current year (line 9 + line 10 + line 11d – line 12)	0	0

Part III Funding Percentages

14 Funding target attainment percentage	14	138.90%
15 Adjusted funding target attainment percentage	15	138.90%
16 Prior year's funding percentage for purposes of determining whether carryover/prefunding balances may be used to reduce current year's funding requirement	16	142.55%
17 If the current value of the assets of the plan is less than 70 percent of the funding target, enter such percentage	17	%

Part IV Contributions and Liquidity Shortfalls**18** Contributions made to the plan for the plan year by employer(s) and employees:

(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees	(a) Date (MM-DD-YYYY)	(b) Amount paid by employer(s)	(c) Amount paid by employees
01/13/2017	1,500,000	0			
04/14/2017	1,100,000	0			
09/22/2017	2,250,000	0			
12/22/2017	4,000,000	0			
05/15/2018	10,400,000	0			
Totals ►			18(b)	19,250,000	18(c) 0

19 Discounted employer contributions – see instructions for small plan with a valuation date after the beginning of the year:

a Contributions allocated toward unpaid minimum required contributions from prior years	19a	0
b Contributions made to avoid restrictions adjusted to valuation date	19b	0
c Contributions allocated toward minimum required contribution for current year adjusted to valuation date	19c	17,825,178

20 Quarterly contributions and liquidity shortfalls:**a** Did the plan have a "funding shortfall" for the prior year? ☐ Yes ☒ No**b** If line 20a is "Yes," were required quarterly installments for the current year made in a timely manner? ☐ Yes ☐ No**c** If line 20a is "Yes," see instructions and complete the following table as applicable:

Liquidity shortfall as of end of quarter of this plan year

(1) 1st	(2) 2nd	(3) 3rd	(4) 4th

Part V Assumptions Used to Determine Funding Target and Target Normal Cost

21 Discount rate:				
a Segment rates:	1st segment: 4.43 %	2nd segment: 5.91 %	3rd segment: 6.65 %	☐ N/A, full yield curve used
b Applicable month (enter code).....				21b 0
22 Weighted average retirement age				22 61
23 Mortality table(s) (see instructions)	☐ Prescribed - combined ☒ Prescribed - separate ☐ Substitute			

Part VI Miscellaneous Items

24 Has a change been made in the non-prescribed actuarial assumptions for the current plan year? If "Yes," see instructions regarding required attachment	☒ Yes ☐ No
25 Has a method change been made for the current plan year? If "Yes," see instructions regarding required attachment	☐ Yes ☒ No
26 Is the plan required to provide a Schedule of Active Participants? If "Yes," see instructions regarding required attachment	☒ Yes ☐ No
27 If the plan is subject to alternative funding rules, enter applicable code and see instructions regarding attachment	27

Part VII Reconciliation of Unpaid Minimum Required Contributions For Prior Years

28 Unpaid minimum required contributions for all prior years	28	0
29 Discounted employer contributions allocated toward unpaid minimum required contributions from prior years (line 19a)	29	0
30 Remaining amount of unpaid minimum required contributions (line 28 minus line 29)	30	0

Part VIII Minimum Required Contribution For Current Year

31 Target normal cost and excess assets (see instructions):												
a Target normal cost (line 6)	31a	3,560,950										
b Excess assets, if applicable, but not greater than line 31a	31b	3,560,950										
32 Amortization installments:	<table border="1"> <thead> <tr> <th></th> <th>Outstanding Balance</th> <th>Installment</th> </tr> </thead> <tbody> <tr> <td>a Net shortfall amortization installment</td> <td>0</td> <td>0</td> </tr> <tr> <td>b Waiver amortization installment</td> <td>0</td> <td>0</td> </tr> </tbody> </table>				Outstanding Balance	Installment	a Net shortfall amortization installment	0	0	b Waiver amortization installment	0	0
	Outstanding Balance	Installment										
a Net shortfall amortization installment	0	0										
b Waiver amortization installment	0	0										
33 If a waiver has been approved for this plan year, enter the date of the ruling letter granting the approval (Month _____ Day _____ Year _____) and the waived amount	33											
34 Total funding requirement before reflecting carryover/prefunding balances (lines 31a - 31b + 32a + 32b - 33)....	34	0										
		Carryover balance	Prefunding balance									
35 Balances elected for use to offset funding requirement		0	0									
36 Additional cash requirement (line 34 minus line 35)	36	0										
37 Contributions allocated toward minimum required contribution for current year adjusted to valuation date (line 19c)	37	17,825,178										
38 Present value of excess contributions for current year (see instructions)												
a Total (excess, if any, of line 37 over line 36)	38a	17,825,178										
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	0										
39 Unpaid minimum required contribution for current year (excess, if any, of line 36 over line 37)	39	0										
40 Unpaid minimum required contributions for all years	40	0										

Part IX Pension Funding Relief Under Pension Relief Act of 2010 (See Instructions)

41 If an election was made to use PRA 2010 funding relief for this plan:	
a Schedule elected	☐ 2 plus 7 years ☐ 15 years
b Eligible plan year(s) for which the election in line 41a was made	☐ 2008 ☐ 2009 ☐ 2010 ☐ 2011
42 Amount of acceleration adjustment	42
43 Excess installment acceleration amount to be carried over to future plan years	43

Schedule SB, line 22 — Description of Weighted Average Retirement Age

Each employee is assumed to retire in accordance with the table of retirement rates. The proportion of employees expected to retire at each potential retirement age is shown below. The average retirement age is 61¹

(A) Retirement age	(B) Retirement Percent	(C) Lx	(D) Number of employees expected to retire = (B) x (C)	(E) = (A) x (D)
55	20.00%	100,000	20,000	1,100,000
56	10.00%	80,000	8,000	448,000
57	5.00%	72,000	3,600	205,200
58	5.00%	68,400	3,420	198,360
59	5.00%	64,980	3,249	191,691
60	10.00%	61,731	6,173	370,386
61	10.00%	55,558	5,556	338,903
62	20.00%	50,002	10,000	620,026
63	10.00%	40,002	4,000	252,011
64	10.00%	36,002	3,600	230,410
65	30.00%	32,401	9,720	631,827
66	30.00%	22,681	6,804	449,083
67	30.00%	15,877	4,763	319,121
68	30.00%	11,114	3,334	226,719
69	50.00%	7,780	3,890	268,395
70	100.00%	3,890	3,890	272,285
Total			100,000	6,122,416
Average				61.22

¹ Note that the different retirement assumptions apply to different participant groups based on service. A weighted average of each assumption was calculated using the method shown above. The weighted average of all assumptions based on the population at 10/1/2016 is 61. For purposes of showing the development of the retirement age, we have shown the calculation for a group hired at age 25 which produced a weighted average of 61.

Schedule SB, Part V — Summary of Plan Provisions

SUMMARY OF MAJOR PLAN PROVISIONS

Effective date and plan year	Original plan: August 7, 2007 Restated plan: ATI-UAW Collective Bargaining Agreement (effective December 3, 2012) Plan year: October 1 – September 30 (first plan year is 8/7/2007 – 9/30/2007)						
Most recent Amendments	Amendment Number One (executed July 28, 2014)						
DEFINITIONS							
• Covered employees	Hourly-rate employees covered by the collective bargaining agreement who have attained seniority						
• Vesting service	Participants become vested at the earlier of 5 elapsed years (from date of hire) in which at least 750 hours are worked during the year or 5 years of credited service.						
• Credited service	Participants receive 1/10th of a year of Credited Service for every 170 hours worked in a calendar year to a maximum annual credit of 1 year of Credited Service per year. Credited Service with GM counts toward eligibility and vesting, but not benefit accrual.						
NORMAL RETIREMENT							
• Eligibility	Age 65 with one year of service						
• Benefit	Applicable Job Classification Code multiplier times Credited Service						
Benefit Class Code	8/7/2007 through 9/1/2007	10/1/2007 through 9/1/2008	10/1/2008 through 9/1/2009	10/1/2009 through 9/1/2010	10/1/2010 through 9/1/2011	10/1/2011 and after	
A	\$50.90	\$52.90	\$53.10	\$53.30	\$53.55	\$55.70	
B	\$51.15	\$53.15	\$53.35	\$53.55	\$53.80	\$55.95	
C	\$51.40	\$53.40	\$53.60	\$53.80	\$54.05	\$56.20	
D	\$51.65	\$53.65	\$53.85	\$54.05	\$54.30	\$56.45	

EARLY RETIREMENT																																																																														
• Eligibility	Earliest of age 60 with 5 years of service, age 55 with 85 age/service points, and 30 years of service																																																																													
• Benefit	<p>Normal Retirement Benefit reduced for retirement before age 62.</p> <p>In addition to the Normal Retirement Benefit, a supplement is payable until age 62 and one month (or if the retiree is born from 1938 to November 15, 1955, until the retiree is eligible for 80% Social Security). For retirees with less than 30 years of service, the supplement is the applicable interim multiplier times years of service. For retirees with 30 years of service, the benefit is a fixed monthly amount which together with the early retirement benefit provides a total benefit equal to the amount listed below (prorated based on service with GM).</p>																																																																													
Interim Supplement	<table border="1"> <thead> <tr> <th></th> <th>8/7/2007 through 9/1/2007</th> <th>10/1/2007 through 9/1/2008</th> <th>10/1/2008 through 9/1/2009</th> <th>10/1/2009 through 9/1/2010</th> <th>10/1/2010 through 9/1/2011</th> <th>10/1/2011 and after</th> </tr> </thead> <tbody> <tr><td>55</td><td>\$21.90</td><td>\$22.35</td><td>\$22.45</td><td>\$22.55</td><td>\$22.60</td><td>\$23.50</td></tr> <tr><td>56</td><td>\$25.85</td><td>\$26.35</td><td>\$26.50</td><td>\$26.60</td><td>\$26.70</td><td>\$27.75</td></tr> <tr><td>57</td><td>\$31.25</td><td>\$31.90</td><td>\$32.00</td><td>\$32.15</td><td>\$32.25</td><td>\$33.55</td></tr> <tr><td>58</td><td>\$36.60</td><td>\$37.35</td><td>\$37.50</td><td>\$37.65</td><td>\$37.80</td><td>\$39.30</td></tr> <tr><td>59</td><td>\$40.85</td><td>\$41.65</td><td>\$41.85</td><td>\$42.00</td><td>\$42.20</td><td>\$43.90</td></tr> <tr><td>60</td><td>\$47.30</td><td>\$48.25</td><td>\$48.45</td><td>\$48.65</td><td>\$48.85</td><td>\$50.80</td></tr> <tr><td>61</td><td>\$47.30</td><td>\$48.25</td><td>\$48.45</td><td>\$48.65</td><td>\$48.85</td><td>\$50.80</td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>30 & Out Supplement</td><td>\$3,020</td><td>\$3,140</td><td>\$3,150</td><td>\$3,160</td><td>\$3,170</td><td>\$3,300</td></tr> <tr> <td>Additional UAW Supplemental Pension Appeal Decision</td> <td colspan="6">Retirees with 30 years of more of service receive \$130 (\$3,300 - \$3,170), prorated based on the ratio of GM Service to Total Service and paid from retirement until age 62 and one month (or until the retiree is eligible for 80% Social Security as applicable).</td> </tr> </tbody> </table>		8/7/2007 through 9/1/2007	10/1/2007 through 9/1/2008	10/1/2008 through 9/1/2009	10/1/2009 through 9/1/2010	10/1/2010 through 9/1/2011	10/1/2011 and after	55	\$21.90	\$22.35	\$22.45	\$22.55	\$22.60	\$23.50	56	\$25.85	\$26.35	\$26.50	\$26.60	\$26.70	\$27.75	57	\$31.25	\$31.90	\$32.00	\$32.15	\$32.25	\$33.55	58	\$36.60	\$37.35	\$37.50	\$37.65	\$37.80	\$39.30	59	\$40.85	\$41.65	\$41.85	\$42.00	\$42.20	\$43.90	60	\$47.30	\$48.25	\$48.45	\$48.65	\$48.85	\$50.80	61	\$47.30	\$48.25	\$48.45	\$48.65	\$48.85	\$50.80								30 & Out Supplement	\$3,020	\$3,140	\$3,150	\$3,160	\$3,170	\$3,300	Additional UAW Supplemental Pension Appeal Decision	Retirees with 30 years of more of service receive \$130 (\$3,300 - \$3,170), prorated based on the ratio of GM Service to Total Service and paid from retirement until age 62 and one month (or until the retiree is eligible for 80% Social Security as applicable).					
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Schedule SB, Part V — Summary of Plan Provisions

EARLY RETIREMENT FACTORS	Retirees with 30 years of more of service or 85 points have their benefits redetermined after age 62 and one month without any reduction.	
	<u>Age</u>	<u>Percentage</u>
	42	21.0%
	43	22.6%
	44	24.3%
	45	26.1%
	46	28.2%
	47	30.4%
	48	32.8%
	49	35.4%
	50	38.3%
	51	41.5%
	52	45.0%
	53	48.9%
	54	53.2%
	55	57.9%
	56	63.5%
	57	69.4%
	58	75.2%
	59	80.8%
	60	86.7%
	61	93.3%
	62 or over	100.0%
	Prorated for intermediate ages computed on the basis of the number of complete calendar months by which the participant is under the age attained at the participant's next birthday.	

Schedule SB, Part V — Summary of Plan Provisions

LUMP-SUM PAYMENT																									
• Eligibility	Retired after October 1, 2011 under normal, early, or disability retirement																								
• Benefit	A maximum payment of \$700 will be made to retired employees with 30 or more years of credited service. The payment to retirees with less than 30 years of credited service will be \$23.3333 per year of credited service with Allison Transmission, Inc. (with a proportional amount for fractional years). Eligible surviving spouses will receive 65% of the amount payable to retiree. Payments are to be made December 2012, 2013, 2014, 2015 and 2016.																								
DEFERRED VESTED																									
• Eligibility	Vested upon termination																								
• Benefit	Normal Retirement Benefit payable at Normal Retirement Age (reduced for early commencement) Early retirement factors are as follows:																								
	<table><tr><th><u>Age</u></th><th><u>Percentage</u></th></tr><tr><td>55</td><td>42.8%</td></tr><tr><td>56</td><td>46.8%</td></tr><tr><td>57</td><td>51.2%</td></tr><tr><td>58</td><td>55.5%</td></tr><tr><td>59</td><td>59.6%</td></tr><tr><td>60</td><td>64.0%</td></tr><tr><td>61</td><td>71.2%</td></tr><tr><td>62</td><td>78.4%</td></tr><tr><td>63</td><td>85.6%</td></tr><tr><td>64</td><td>92.8%</td></tr><tr><td>65</td><td>100.0%</td></tr></table>	<u>Age</u>	<u>Percentage</u>	55	42.8%	56	46.8%	57	51.2%	58	55.5%	59	59.6%	60	64.0%	61	71.2%	62	78.4%	63	85.6%	64	92.8%	65	100.0%
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Schedule SB, Part V — Summary of Plan Provisions

DISABILITY						
• Eligibility	Disabled after 10 years of service					
• Benefit	Normal Retirement Benefit as of the date of disability payable immediately (without reduction). In addition, a temporary benefit is paid until age 62 and one month based on the temporary multiplier times years of service.					
	8/7/2007 through 9/1/2007	10/1/2007 through 9/1/2008	10/1/2008 through 9/1/2009	10/1/2009 through 9/1/2010	10/1/2010 through 9/1/2011	10/1/2011 and after
Temporary Benefit	\$49.80	\$50.80	\$51.00	\$51.20	\$51.40	\$53.45
PRE-RETIREMENT DEATH						
• Eligibility	Vested upon Participant's death					
• Benefit prior to early retirement	50% of the Normal Retirement Benefit is paid to the surviving spouse commencing on the first of the month following the month in which the employee would have been eligible to retire at the option of the employee.					
• Benefit after early but before normal retirement	65% of the Normal Retirement Benefit is paid to the surviving spouse commencing on the first of the month following the month in which the employee would have been eligible to retire at the option of the employee.					
FORM OF BENEFITS						
• Automatic form for unmarried participants	Life annuity					
• Automatic form for married participants	65% joint and survivor annuity Benefit is 95% of the monthly basic benefit if the spouse's age is within 5 years of the participant's age. Such percentage is increased by one half of one percent (1/2%) (up to a maximum of 100%) for each 12 months in excess of 5 years that the spouse's age exceeds the participant's age and decreased by one-half of one percent (1/2%) for each 12 months in excess of 5 years that the spouse's age is less than the participant's age.					
• Optional forms	Contingent Annuitant annuity in any designated percentage (in 5% increments) up to 100%					
• Optional form conversion factors	Fixed factors based on the age difference between the participant and contingent beneficiary are used to convert the accrued benefit to the optional form					

Schedule SB, Part V — Summary of Plan Provisions

MISCELLANEOUS	
<ul style="list-style-type: none"> Maximum benefits 	Annual benefits may not exceed the limits in IRC Section 415. This limit is indexed annually. For 2015, the limit is \$210,000.

Benefits Included or Excluded

Unless noted below, all benefits provided by the plan, as restated and amended through 1st Amendment, are included in this valuation.

- **Most recent plan amendments included:** Amendment Number One (executed July 28, 2014).
- **Plan amendments excluded:** None
- **Late retirement increases:**
 - *Active participants:* The plan provides benefit suspension notices to participants who work beyond normal retirement; therefore, late retirement actuarial increases only apply to participants who defer retirement beyond age 70½. This valuation includes increases for current participants over age 70.
 - *Deferred vested participants:* Current deferred vested participants over normal retirement age are valued including the late retirement actuarial increase.
- **Internal Revenue Code limitations:** The limitations of Internal Revenue Code Section 415(b) and 401(a)(17) have been incorporated into our calculations.
- **IRC Section 416 rules for top-heavy plans:** We did not test whether this plan is top-heavy (when the present value of benefits for key employees equals or exceeds 60% of the present value for all participants). However, we expect that the plan is not top-heavy due to the large number of rank-and-file participants; therefore, the funding target and target normal cost do not reflect any liability for top-heavy benefit accruals.

Schedule SB, Part V — Summary of Plan Provisions

Additional Benefits Included or Excluded

- **IRC Section 436 benefit restrictions:**
 - *Unpredictable contingent event benefits:* This valuation excludes restricted contingent event benefits that occurred before the valuation date but includes contingent event benefits which are expected to occur on or after the valuation date regardless of anticipated funding-based limitations.
 - *Plan amendments:* See above.
 - *Prohibited payments:* Limitations on prohibited benefits (if any) are reflected for annuity starting dates before the valuation date but are ignored for annuity starting dates on or after the valuation date.
 - *Benefit accruals:* The plan's funding target does not reflect any limitation on benefit accruals. The target normal cost does not reflect any limitation on benefit accruals.
- **Scheduled benefit increases:** Scheduled benefit increases effective after the end of the current plan year are excluded from minimum funding requirements.
- **Unpredictable contingent event benefits:** The plan does not have any unpredictable contingent event benefits.

PLAN PROVISION CHANGES SINCE PRIOR VALUATION

Maximum benefit amounts under IRS rules were updated from 2015 to 2016.

**ASSET DETAIL REVALUED COST
AS OF SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
ACCOUNT NUMBER 22831199**

PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	US TREASURY BOND DTD 05/16/16 0.000 05/15/2046 CUSIP 912834QH4					
<u>1,620,000.000</u>	ALLISON TRANS-RYAN LABS	43.1860	<u>699,613.20</u>	43.1020	<u>698,252.40</u>	<u>1,360.80-</u>
1,620,000.000	TOTAL US TREASURY BOND	5/15/46	699,613.20		698,252.40	1,360.80-
	US TREASURY BOND DTD 08/15/16 2.250 08/15/2046 CUSIP 912810RT7					
<u>440,000.000</u>	ALLISON TRANS-RYAN LABS	83.9883	<u>369,548.40</u>	87.9260	<u>386,874.40</u>	<u>17,326.00</u>
440,000.000	TOTAL US TREASURY BOND	2.250% 8/15/46	369,548.40		386,874.40	17,326.00
	US TREASURY BOND DTD 05/16/16 2.500 05/15/2046 CUSIP 912810RS9					
<u>90,000.000</u>	ALLISON TRANS-RYAN LABS	101.3221	<u>91,189.88</u>	92.9220	<u>83,629.80</u>	<u>7,560.08-</u>
90,000.000	TOTAL US TREASURY BOND	2.500% 5/15/46	91,189.88		83,629.80	7,560.08-
	US TREASURY BOND DTD 02/15/17 3.000 02/15/2047 CUSIP 912810RV2					
<u>1,855,000.000</u>	ALLISON TRANS-RYAN LABS	102.4001	<u>1,899,521.10</u>	102.8630	<u>1,908,108.65</u>	<u>8,587.55</u>
1,855,000.000	TOTAL US TREASURY BOND	3.000% 2/15/47	1,899,521.10		1,908,108.65	8,587.55
	US TREASURY BOND DTD 05/15/17 3.000 05/15/2047 CUSIP 912810RX8					
<u>365,000.000</u>	ALLISON TRANS-RYAN LABS	104.6992	<u>382,152.15</u>	102.8980	<u>375,577.70</u>	<u>6,574.45-</u>
365,000.000	TOTAL US TREASURY BOND	3.000% 5/15/47	382,152.15		375,577.70	6,574.45-
	US TREASURY NOTE DTD 08/31/17 1.625 08/31/2022 CUSIP 9128282S8					
<u>175,000.000</u>	ALLISON TRANS-RYAN LABS	98.9141	<u>173,099.61</u>	98.6250	<u>172,593.75</u>	<u>505.86-</u>
175,000.000	TOTAL US TREASURY NOTE	1.625% 8/31/22	173,099.61		172,593.75	505.86-

**ASSET DETAIL REVALUED COST
AS OF SEPTEMBER 30, 2017**

**ALLISON HOURLY CONSOLIDATED
ACCOUNT NUMBER 22831199**

PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	US TREASURY NOTE DTD 08/31/17 1.875 08/31/2024 CUSIP 9128282U3					
180,000.000	ALLISON TRANS-RYAN LABS	98.6836	177,630.47	98.2190	176,794.20	836.27-
180,000.000	TOTAL US TREASURY NOTE 1.875% 8/31/24		177,630.47		176,794.20	836.27-
	US TREASURY NOTE DTD 08/15/17 2.250 08/15/2027 CUSIP 9128282R0					
950,000.000	ALLISON TRANS-RYAN LABS	99.4688	944,953.13	99.3200	943,540.00	1,413.13-
950,000.000	TOTAL US TREASURY NOTE 2.250% 8/15/27		944,953.13		943,540.00	1,413.13-
	TOTAL US TREASURY NOTES AND BONDS		4,737,707.94		4,745,370.90	7,662.96
	GOVT STRIPPED AND ZERO-COUPON					
	US TREASURY BOND/NOTE STRIPPED ZERO DTD 11/16/09 11/15/2039 CUSIP 912834EV6					
2,500,000.000	ALLISON TRANS-RYAN LABS	57.7400	1,443,500.00	52.8440	1,321,100.00	122,400.00-
2,200,000.000	ALLISON TRANS-RYAN LABS	54.4670	1,198,274.00	49.4120	1,087,064.00	111,210.00-
2,500,000.000	ALLISON TRANS-RYAN LABS	63.3580	1,583,950.00	58.7360	1,468,400.00	115,550.00-
2,600,000.000	ALLISON TRANS-RYAN LABS	59.4310	1,545,205.99	60.7490	1,579,474.00	34,268.01
9,800,000.000	TOTAL US TREAS SEC STRIPPED		5,770,929.99		5,456,038.00	314,891.99-
	US TREASURY BOND STRIPPED ZERO CPN DTD 05/15/14 05/15/2044 CUSIP 912834NP9					
2,000,000.000	ALLISON TRANS-RYAN LABS	50.8620	1,017,240.00	45.3990	907,980.00	109,260.00-
2,000,000.000	TOTAL US TREAS SEC STRIPPED 5/15/44		1,017,240.00		907,980.00	109,260.00-
	US TREAS SEC STRIPPED DTD 08/15/08 11/15/2037 CUSIP 912834ADO					
2,600,000.000	ALLISON TRANS-RYAN LABS	61.2950	1,593,670.00	56.7240	1,474,824.00	118,846.00-
2,600,000.000	TOTAL US TREAS SEC STRIPPED 11/15/37		1,593,670.00		1,474,824.00	118,846.00-

ASSET DETAIL REVALUED COST
 AS OF SEPTEMBER 30, 2017

ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199

PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	US TREASURY BOND STRIPPED ZERO CPN DTD 11/15/13 11/15/2043 CUSIP 912834MZ8					
1,900,000.000	ALLISON TRANS-RYAN LABS	51.5980	980,362.00	46.0900	875,710.00	104,652.00-
1,900,000.000	TOTAL US TREAS SEC STRIPPED 11/15/43		980,362.00		875,710.00	104,652.00-
	US TREASURY BOND STRIPPED ZERO CPN DTD 11/17/14 11/15/2044 CUSIP 912834PB8					
3,250,000.000	ALLISON TRANS-RYAN LABS	50.3240	1,635,530.00	44.7840	1,455,480.00	180,050.00-
3,250,000.000	TOTAL US TREAS SEC STRIPPED 11/15/44		1,635,530.00		1,455,480.00	180,050.00-
	US TREASURY BOND ZERO CPN DTD 05/15/09 0.000 11/15/2038 CUSIP 912834DU9					
2,925,000.000	ALLISON TRANS-RYAN LABS	59.6420	1,744,528.50	54.8330	1,603,865.25	140,663.25-
2,925,000.000	TOTAL US TREASURY BOND 11/15/38		1,744,528.50		1,603,865.25	140,663.25-
	US TREASURY BOND ZERO CPN DTD 11/15/10 11/15/2040 CUSIP 912834JH2					
2,350,000.000	ALLISON TRANS-RYAN LABS	55.8720	1,312,992.00	51.0940	1,200,709.00	112,283.00-
2,350,000.000	TOTAL US TREASURY BOND 11/15/40		1,312,992.00		1,200,709.00	112,283.00-
	US TREASURY BOND ZERO CPN DTD 11/15/12 0.000 11/15/2042 CUSIP 912834LX4					
2,100,000.000	ALLISON TRANS-RYAN LABS	53.0160	1,113,336.00	47.7010	1,001,721.00	111,615.00-
2,100,000.000	TOTAL US TREASURY BOND 11/15/42		1,113,336.00		1,001,721.00	111,615.00-
	TOTAL GOVT STRIPPED AND ZERO-COUPON		15,168,588.49		13,976,327.25	1,192,261.24-
	MUNICIPAL TAXABLE BONDS					

ASSET DETAIL REVALUED COST
 AS OF SEPTEMBER 30, 2017

ALLISON HOURLY CONSOLIDATED
 ACCOUNT NUMBER 22831199

PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	CALIFORNIA ST BUILD AMERICA BONDS-TAXABLE-VA DTD 04/28/09 7.550 04/01/2039 CUSIP 13063A5G5					
<u>320,000.000</u>	ALLISON TRANS-RYAN LABS	159.7150	<u>511,088.00</u>	153.7800	<u>492,096.00</u>	<u>18,992.00-</u>
320,000.000	TOTAL CALIFORNIA ST 7.550% 4/01/39		511,088.00		492,096.00	18,992.00-
	TOTAL MUNICIPAL TAXABLE BONDS		511,088.00		492,096.00	18,992.00-
	CORPORATE BONDS					
	ACE INA HOLDINGS DTD 11/03/15 4.350 11/03/2045 CUSIP 00440EAW7					
<u>295,000.000</u>	ALLISON TRANS-RYAN LABS	111.2730	<u>328,255.35</u>	109.8920	<u>324,181.40</u>	<u>4,073.95-</u>
295,000.000	TOTAL ACE INA HOLDINGS 4.350% 11/03/45		328,255.35		324,181.40	4,073.95-
	ALIBABA GROUP HOLDING DTD 05/28/15 2.500 11/28/2019 CUSIP 01609WAC6					
<u>320,000.000</u>	ALLISON TRANS-RYAN LABS	101.4137	<u>324,523.70</u>	100.8180	<u>322,617.60</u>	<u>1,906.10-</u>
320,000.000	TOTAL ALIBABA GROUP HOLDIN 2.500% 11/28/19		324,523.70		322,617.60	1,906.10-
	ALIBABA GROUP HOLDING DTD 05/28/15 3.600 11/28/2024 CUSIP 01609WAQ5					
<u>325,000.000</u>	ALLISON TRANS-RYAN LABS	103.9780	<u>337,928.50</u>	103.6330	<u>336,807.25</u>	<u>1,121.25-</u>
325,000.000	TOTAL ALIBABA GROUP HOLDIN 3.600% 11/28/24		337,928.50		336,807.25	1,121.25-
	ALLSTATE CORP DTD 12/08/16 4.200 12/15/2046 CUSIP 020002BC4					
<u>325,000.000</u>	ALLISON TRANS-RYAN LABS	99.2050	<u>322,416.25</u>	106.3320	<u>345,579.00</u>	<u>23,162.75</u>
325,000.000	TOTAL ALLSTATE CORP 4.200% 12/15/46		322,416.25		345,579.00	23,162.75

**ASSET DETAIL REVALUED COST
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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	AMERICA MOVIL SAB DE CV DTD 07/16/12 3.125 07/16/2022 CUSIP 02364WBD6					
505,000.000	ALLISON TRANS-RYAN LABS	102.3840	517,039.20	102.4890	517,569.45	530.25
505,000.000	TOTAL AMERICA MOVIL SAB DE 3.125% 7/16/22		517,039.20		517,569.45	530.25
	AMERIPRISE FINANCIAL INC DTD 08/11/16 2.875 09/15/2026 CUSIP 03076CAH9					
255,000.000	ALLISON TRANS-RYAN LABS	100.2360	255,601.80	97.5810	248,831.55	6,770.25-
255,000.000	TOTAL AMERIPRISE FINANCIAL 2.875% 9/15/26		255,601.80		248,831.55	6,770.25-
	ANHEUSER-BUSCH INBEV FIN DTD 01/25/16 3.650 02/01/2026 CUSIP 035242AP1					
455,000.000	ALLISON TRANS-RYAN LABS	107.4000	488,670.00	103.4510	470,702.05	17,967.95-
455,000.000	TOTAL ANHEUSER-BUSCH INBEV 3.650% 2/01/26		488,670.00		470,702.05	17,967.95-
	ANHEUSER-BUSCH INBEV FIN DTD 01/25/16 4.700 02/01/2036 CUSIP 035242AM8					
465,000.000	ALLISON TRANS-RYAN LABS	114.9770	534,643.05	110.2530	512,676.45	21,966.60-
465,000.000	TOTAL ANHEUSER-BUSCH INBEV 4.700% 2/01/36		534,643.05		512,676.45	21,966.60-
	APPLE INC DTD 02/09/17 3.350 02/09/2027 CUSIP 037833CJ7					
320,000.000	ALLISON TRANS-RYAN LABS	100.6024	321,927.75	102.9590	329,468.80	7,541.05
320,000.000	TOTAL APPLE INC 3.350% 2/09/27		321,927.75		329,468.80	7,541.05
	APPLE INC DTD 09/12/17 3.750 09/12/2047 CUSIP 037833DD9					
470,000.000	ALLISON TRANS-RYAN LABS	99.4290	467,316.30	98.6490	463,650.30	3,666.00-
470,000.000	TOTAL APPLE INC 3.750% 9/12/47		467,316.30		463,650.30	3,666.00-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	APPLE INC DTD 05/13/15 4.375 05/13/2045 CUSIP 037833BH2					
460,000.000	ALLISON TRANS-RYAN LABS	110.3400	507,564.00	108.6640	499,854.40	7,709.60-
460,000.000	TOTAL APPLE INC 4.375% 5/13/45		507,564.00		499,854.40	7,709.60-
	AT&T INC DTD 02/09/16 3.600 02/17/2023 CUSIP 00206RCS9					
555,000.000	ALLISON TRANS-RYAN LABS	102.9160	571,183.55	102.8890	571,033.95	149.60-
555,000.000	TOTAL AT&T INC 3.600% 2/17/23		571,183.55		571,033.95	149.60-
	AT&T INC DTD 06/15/13 4.350 06/15/2045 CUSIP 00206RBK7					
425,000.000	ALLISON TRANS-RYAN LABS	98.5050	418,646.25	91.7820	390,073.50	28,572.75-
425,000.000	TOTAL AT&T INC 4.350% 6/15/45		418,646.25		390,073.50	28,572.75-
	BANK OF AMERICA CORP DTD 12/21/10 5.875 01/05/2021 CUSIP 06051GEE5					
785,000.000	ALLISON TRANS-RYAN LABS	114.6860	900,285.10	110.7460	869,356.10	30,929.00-
785,000.000	TOTAL BANK OF AMERICA CORP 5.875% 1/05/21		900,285.10		869,356.10	30,929.00-
	BANK OF NY MELLON CORP MED TERM NOTE DTD 05/02/16 2.050 05/03/2021 CUSIP 06406FAB9					
230,000.000	ALLISON TRANS-RYAN LABS	100.6780	231,559.40	99.5500	228,965.00	2,594.40-
230,000.000	TOTAL BANK OF NY MELLON CO 2.050% 5/03/21		231,559.40		228,965.00	2,594.40-
	BEAR STEARNS CO INC ACQUIRED BY JPMORGAN CO 05/30/2008 DTD 02/01/08 7.250 02/01/2018 CUSIP 073902RU4					
395,000.000	ALLISON TRANS-RYAN LABS	107.3900	424,190.50	101.8630	402,358.85	21,831.65-
395,000.000	TOTAL BEAR STEARNS CO INC 7.250% 2/01/18		424,190.50		402,358.85	21,831.65-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	BERKSHIRE HATHAWAY INC DTD 02/11/13 3.000 02/11/2023 CUSIP 084670BJ6					
450,000.000	ALLISON TRANS-RYAN LABS	105.2640	473,688.00	102.9170	463,126.50	10,561.50-
450,000.000	TOTAL BERKSHIRE HATHAWAY 3.000% 2/11/23		473,688.00		463,126.50	10,561.50-
	BERKSHIRE HATHAWAY FIN DTD 05/15/13 4.300 05/15/2043 CUSIP 084664BV2					
320,000.000	ALLISON TRANS-RYAN LABS	103.8000	332,160.00	108.9410	348,611.20	16,451.20
320,000.000	TOTAL BERKSHIRE HATHAWAY 4.300% 5/15/43		332,160.00		348,611.20	16,451.20
	BOEING CO DEB DTD 07/07/93 7.2500 06/15/2025 CUSIP 097023AM7					
380,000.000	ALLISON TRANS-RYAN LABS	136.5290	518,810.20	128.3580	487,760.40	31,049.80-
380,000.000	TOTAL BOEING CO DEB DTD 7.250% 6/15/25		518,810.20		487,760.40	31,049.80-
	BP CAPITAL MARKETS PLC DTD 05/10/13 2.750 05/10/2023 CUSIP 05565QCD8					
35,000.000	ALLISON TRANS-RYAN LABS	101.6710	35,584.85	100.3350	35,117.25	467.60-
35,000.000	TOTAL BP CAPITAL MARKETS 2.750% 5/10/23		35,584.85		35,117.25	467.60-
	BP CAPITAL MARKETS PLC DTD 05/04/16 3.119 05/04/2026 CUSIP 05565QDB1					
400,000.000	ALLISON TRANS-RYAN LABS	102.1910	408,764.00	99.9650	399,860.00	8,904.00-
400,000.000	TOTAL BP CAPITAL MARKETS 3.119% 5/04/26		408,764.00		399,860.00	8,904.00-
	BP CAPITAL MARKETS PLC DTD 02/14/17 3.224 04/14/2024 CUSIP 05565QDL9					
225,000.000	ALLISON TRANS-RYAN LABS	102.6120	230,877.00	101.8560	229,176.00	1,701.00-
225,000.000	TOTAL BP CAPITAL MARKETS 3.224% 4/14/24		230,877.00		229,176.00	1,701.00-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	BURLINGTN NORTH SANTA FE DTD 03/09/17 4.125 06/15/2047 CUSIP 12189LBB6					
325,000.000	ALLISON TRANS-RYAN LABS	98.6880	320,736.00	105.6390	343,326.75	22,590.75
325,000.000	TOTAL BURLINGTN NORTH SANT 4.125% 6/15/47		320,736.00		343,326.75	22,590.75
	BURLINGTON RESOUR FINAN DTD 08/24/01 7.200 08/15/2031 CUSIP 12201PAB2					
265,000.000	ALLISON TRANS-RYAN LABS	130.3670	345,472.55	132.7800	351,867.00	6,394.45
265,000.000	TOTAL BURLINGTON RESOUR 7.200% 8/15/31		345,472.55		351,867.00	6,394.45
	CAPITAL ONE NA DTD 09/13/16 1.850 09/13/2019 CUSIP 14042RBS9					
255,000.000	ALLISON TRANS-RYAN LABS	99.9970	254,992.35	99.2980	253,209.90	1,782.45-
255,000.000	TOTAL CAPITAL ONE NA 1.850% 9/13/19		254,992.35		253,209.90	1,782.45-
	CHEVRON CORP DTD 06/24/13 3.191 06/24/2023 CUSIP 166764AH3					
225,000.000	ALLISON TRANS-RYAN LABS	106.5150	239,658.75	103.8730	233,714.25	5,944.50-
225,000.000	TOTAL CHEVRON CORP 3.191% 6/24/23		239,658.75		233,714.25	5,944.50-
	CISCO SYSTEMS INC DTD 09/20/16 2.500 09/20/2026 CUSIP 17275RBL5					
520,000.000	ALLISON TRANS-RYAN LABS	99.0906	515,271.10	97.0790	504,810.80	10,460.30-
520,000.000	TOTAL CISCO SYSTEMS INC 2.500% 9/20/26		515,271.10		504,810.80	10,460.30-
	CITIGROUP INC DTD 03/30/16 2.700 03/30/2021 CUSIP 172967KK6					
505,000.000	ALLISON TRANS-RYAN LABS	102.1700	515,958.50	101.1150	510,630.75	5,327.75-
505,000.000	TOTAL CITIGROUP INC 2.700% 3/30/21		515,958.50		510,630.75	5,327.75-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	CNOOC FINANCE 2013 LTD DTD 05/09/13 3.000 05/09/2023 CUSIP 12625GAC8					
650,000.000	ALLISON TRANS-RYAN LABS	100.7552	654,909.00	100.1620	651,053.00	3,856.00-
650,000.000	TOTAL CNOOC FINANCE 2013 3.000% 5/09/23		654,909.00		651,053.00	3,856.00-
	COMCAST CORP DTD 07/19/16 2.350 01/15/2027 CUSIP 20030NBW0					
355,000.000	ALLISON TRANS-RYAN LABS	94.3220	334,843.10	93.3370	331,346.35	3,496.75-
355,000.000	TOTAL COMCAST CORP 2.350% 1/15/27		334,843.10		331,346.35	3,496.75-
	COMCAST CORP DTD 01/14/13 4.250 01/15/2033 CUSIP 20030NBH3					
567,000.000	ALLISON TRANS-RYAN LABS	107.2991	608,386.01	107.5320	609,706.44	1,320.43
567,000.000	TOTAL COMCAST CORP 4.250% 1/15/33		608,386.01		609,706.44	1,320.43
	COMMONWEALTH EDISON CO DTD 03/02/15 3.700 03/01/2045 CUSIP 202795JF8					
510,000.000	ALLISON TRANS-RYAN LABS	103.2660	526,656.60	98.7490	503,619.90	23,036.70-
510,000.000	TOTAL COMMONWEALTH EDISON 3.700% 3/01/45		526,656.60		503,619.90	23,036.70-
	CONS EDISON CO OF NY DTD 03/06/14 4.450 03/15/2044 CUSIP 209111FD0					
260,000.000	ALLISON TRANS-RYAN LABS	114.5720	297,887.20	110.8840	288,298.40	9,588.80-
260,000.000	TOTAL CONS EDISON CO OF NY 4.450% 3/15/44		297,887.20		288,298.40	9,588.80-
	CONSOLIDATED EDISON CO O DTD 11/17/15 4.500 12/01/2045 CUSIP 209111FG3					
205,000.000	ALLISON TRANS-RYAN LABS	106.8080	218,956.40	110.7650	227,068.25	8,111.85
205,000.000	TOTAL CONSOLIDATED EDISON 4.500% 12/01/45		218,956.40		227,068.25	8,111.85

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	CR BARD INC DTD 12/20/10 4.400 01/15/2021 CUSIP 067383AC3					
<u>275,000.000</u>	ALLISON TRANS-RYAN LABS	109.9370	<u>302,326.75</u>	105.0650	<u>288,928.75</u>	<u>13,398.00-</u>
275,000.000	TOTAL CR BARD INC 4.400% 1/15/21		302,326.75		288,928.75	13,398.00-
	CREDIT SUISSE NEW YORK MED TERM NOTE DTD 09/09/14 3.625 09/09/2024 CUSIP 225460AP2					
<u>325,000.000</u>	ALLISON TRANS-RYAN LABS	103.2510	<u>335,565.75</u>	103.8430	<u>337,489.75</u>	<u>1,924.00</u>
325,000.000	TOTAL CREDIT SUISSE NEW YO 3.625% 9/09/24		335,565.75		337,489.75	1,924.00
	DTE ELECTRIC CO DTD 05/17/16 3.700 06/01/2046 CUSIP 23338VAF3					
<u>470,000.000</u>	ALLISON TRANS-RYAN LABS	105.8500	<u>497,495.00</u>	98.2600	<u>461,822.00</u>	<u>35,673.00-</u>
470,000.000	TOTAL DTE ELECTRIC CO 3.700% 6/01/46		497,495.00		461,822.00	35,673.00-
	DUKE ENERGY CORP DTD 06/13/13 2.100 06/15/2018 CUSIP 26441CAK1					
<u>455,000.000</u>	ALLISON TRANS-RYAN LABS	101.1500	<u>460,232.50</u>	100.2950	<u>456,342.25</u>	<u>3,890.25-</u>
455,000.000	TOTAL DUKE ENERGY CORP 2.100% 6/15/18		460,232.50		456,342.25	3,890.25-
	ECOLAB INC DTD 12/13/12 1.450 12/08/2017 CUSIP 278865AP5					
<u>600,000.000</u>	ALLISON TRANS-RYAN LABS	100.1900	<u>601,140.00</u>	99.9790	<u>599,874.00</u>	<u>1,266.00-</u>
600,000.000	TOTAL ECOLAB INC 1.450% 12/08/17		601,140.00		599,874.00	1,266.00-
	FLORIDA POWER & LIGHT CO DTD 05/15/14 3.250 06/01/2024 CUSIP 341081FK8					
<u>500,000.000</u>	ALLISON TRANS-RYAN LABS	107.1400	<u>535,700.00</u>	103.1170	<u>515,585.00</u>	<u>20,115.00-</u>
500,000.000	TOTAL FLORIDA POWER & LIGH 3.250% 6/01/24		535,700.00		515,585.00	20,115.00-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	FLORIDA POWER & LIGHT DTD 12/09/10 5.250 02/01/2041 CUSIP 341081FD4					
365,000.000	ALLISON TRANS-RYAN LABS	128.2120	467,973.80	122.4420	446,913.30	21,060.50-
365,000.000	TOTAL FLORIDA POWER & LIGH 5.250% 2/01/41		467,973.80		446,913.30	21,060.50-
	FORD MOTOR CREDIT CO LLC DTD 10/08/15 2.551 10/05/2018 CUSIP 345397XN8					
480,000.000	ALLISON TRANS-RYAN LABS	101.4670	487,041.60	100.6460	483,100.80	3,940.80-
480,000.000	TOTAL FORD MOTOR CREDIT CO 2.551% 10/05/18		487,041.60		483,100.80	3,940.80-
	FRANKLIN RESOURCES INC DTD 09/24/12 2.800 09/15/2022 CUSIP 354613AJ0					
220,000.000	ALLISON TRANS-RYAN LABS	104.3690	229,611.80	101.3440	222,956.80	6,655.00-
220,000.000	TOTAL FRANKLIN RESOURCES 2.800% 9/15/22		229,611.80		222,956.80	6,655.00-
	GE CAPITAL INTL FUNDING DTD 05/15/16 4.418 11/15/2035 CUSIP 36164QNA2					
341,000.000	ALLISON TRANS-RYAN LABS	112.2370	382,728.17	108.7400	370,803.40	11,924.77-
341,000.000	TOTAL GE CAPITAL INTL FUND 4.418% 11/15/35		382,728.17		370,803.40	11,924.77-
	GENERAL ELEC CAP CORP DTD 01/09/09 6.875 01/10/2039 CUSIP 36962G4B7					
96,000.000	ALLISON TRANS-RYAN LABS	150.6270	144,601.92	146.4110	140,554.56	4,047.36-
96,000.000	TOTAL GENERAL ELEC CAP COR 6.875% 1/10/39		144,601.92		140,554.56	4,047.36-
	GENERAL ELECTRIC CO DTD 03/11/14 4.500 03/11/2044 CUSIP 369604BH5					
910,000.000	ALLISON TRANS-RYAN LABS	113.4820	1,032,686.40	111.9410	1,018,663.10	14,023.30-
910,000.000	TOTAL GENERAL ELECTRIC CO 4.500% 3/11/44		1,032,686.40		1,018,663.10	14,023.30-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	GEORGIA POWER COMPANY DTD 03/06/12 4.300 03/15/2042 CUSIP 373334JW2					
445,000.000	ALLISON TRANS-RYAN LABS	105.5630	469,755.35	104.4850	464,958.25	4,797.10-
445,000.000	TOTAL GEORGIA POWER COMPAN 4.300% 3/15/42		469,755.35		464,958.25	4,797.10-
	GILEAD SCIENCES INC DTD 09/20/16 4.000 09/01/2036 CUSIP 375558BJ1					
335,000.000	ALLISON TRANS-RYAN LABS	101.9720	341,606.20	103.0070	345,073.45	3,467.25
335,000.000	TOTAL GILEAD SCIENCES INC 4.000% 9/01/36		341,606.20		345,073.45	3,467.25
	GOLDMAN SACHS GROUP INC DTD 01/24/12 5.750 01/24/2022 CUSIP 38141GGS7					
395,000.000	ALLISON TRANS-RYAN LABS	116.1540	458,808.30	112.0800	442,716.00	16,092.30-
395,000.000	TOTAL GOLDMAN SACHS GROUP 5.750% 1/24/22		458,808.30		442,716.00	16,092.30-
	GOLDMAN SACHS GROUP INC DTD 02/05/09 7.500 02/15/2019 CUSIP 38141EA25					
220,000.000	ALLISON TRANS-RYAN LABS	110.6420	243,412.40	107.4010	236,282.20	7,130.20-
220,000.000	TOTAL GOLDMAN SACHS GROUP 7.500% 2/15/19		243,412.40		236,282.20	7,130.20-
	HOME DEPOT INC DTD 09/10/13 3.750 02/15/2024 CUSIP 437076BC5					
430,000.000	ALLISON TRANS-RYAN LABS	110.7740	476,328.20	105.8700	455,241.00	21,087.20-
430,000.000	TOTAL HOME DEPOT INC 3.750% 2/15/24		476,328.20		455,241.00	21,087.20-
	HOME DEPOT INC DTD 06/02/15 4.250 04/01/2046 CUSIP 437076BH4					
300,000.000	ALLISON TRANS-RYAN LABS	107.4300	322,290.00	107.6600	322,980.00	690.00
300,000.000	TOTAL HOME DEPOT INC 4.250% 4/01/46		322,290.00		322,980.00	690.00

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	HSBC BK USA N A GLOBAL DTD 10/25/04 5.875 11/01/2034 CUSIP 4042Q1AA5					
300,000.000	ALLISON TRANS-RYAN LABS	121.0740	363,222.00	124.6780	374,034.00	10,812.00
300,000.000	TOTAL HSBC BK USA N A GLOB 5.875% 11/01/34		363,222.00		374,034.00	10,812.00
	INTEL CORP DTD 07/29/15 3.700 07/29/2025 CUSIP 458140AS9					
190,000.000	ALLISON TRANS-RYAN LABS	110.9420	210,789.80	105.7510	200,926.90	9,862.90-
190,000.000	TOTAL INTEL CORP 3.700% 7/29/25		210,789.80		200,926.90	9,862.90-
	INTEL CORP DTD 07/29/15 4.900 07/29/2045 CUSIP 458140AT7					
290,000.000	ALLISON TRANS-RYAN LABS	113.8590	330,191.10	119.4940	346,532.60	16,341.50
290,000.000	TOTAL INTEL CORP 4.900% 7/29/45		330,191.10		346,532.60	16,341.50
	JOHN DEERE CAPITAL CORP MED TERM NOTE DTD 06/10/16 2.650 06/10/2026 CUSIP 24422ETH2					
260,000.000	ALLISON TRANS-RYAN LABS	102.4670	266,414.20	97.8630	254,443.80	11,970.40-
260,000.000	TOTAL JOHN DEERE CAPITAL 2.650% 6/10/26		266,414.20		254,443.80	11,970.40-
	JOHNSON & JOHNSON DTD 12/05/13 4.375 12/05/2033 CUSIP 478160BJ2					
225,000.000	ALLISON TRANS-RYAN LABS	109.2720	245,862.00	113.5100	255,397.50	9,535.50
225,000.000	TOTAL JOHNSON & JOHNSON 4.375% 12/05/33		245,862.00		255,397.50	9,535.50
	JPMORGAN CHASE & CO DTD 09/24/12 3.250 09/23/2022 CUSIP 46625HJE1					
455,000.000	ALLISON TRANS-RYAN LABS	104.8880	477,240.40	103.3820	470,388.10	6,852.30-
455,000.000	TOTAL JPMORGAN CHASE & CO 3.250% 9/23/22		477,240.40		470,388.10	6,852.30-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	KEYCORP MED TERM NOTE DTD 03/24/11 5.100 03/24/2021 CUSIP 49326EED1					
<u>325,000.000</u>	ALLISON TRANS-RYAN LABS	112.8890	<u>366,889.25</u>	108.9860	<u>354,204.50</u>	<u>12,684.75-</u>
325,000.000	TOTAL KEYCORP 5.100% 3/24/21		366,889.25		354,204.50	12,684.75-
	KIMBERLY-CLARK CORP DTD 05/04/17 3.900 05/04/2047 CUSIP 494368BW2					
<u>245,000.000</u>	ALLISON TRANS-RYAN LABS	101.6700	<u>249,091.50</u>	102.1400	<u>250,243.00</u>	<u>1,151.50</u>
245,000.000	TOTAL KIMBERLY-CLARK CORP 3.900% 5/04/47		249,091.50		250,243.00	1,151.50
	KINDER MORGAN ENER PART DTD 09/16/09 6.500 09/01/2039 CUSIP 494550BD7					
<u>180,000.000</u>	ALLISON TRANS-RYAN LABS	107.6680	<u>193,802.40</u>	113.9660	<u>205,138.80</u>	<u>11,336.40</u>
180,000.000	TOTAL KINDER MORGAN ENER 6.500% 9/01/39		193,802.40		205,138.80	11,336.40
	LOEWS CORP DTD 03/22/16 3.750 04/01/2026 CUSIP 540424AS7					
<u>330,000.000</u>	ALLISON TRANS-RYAN LABS	106.1784	<u>350,388.80</u>	103.8990	<u>342,866.70</u>	<u>7,522.10-</u>
330,000.000	TOTAL LOEWS CORP 3.750% 4/01/26		350,388.80		342,866.70	7,522.10-
	LOWE'S COS INC DTD 05/03/17 3.100 05/03/2027 CUSIP 548661DP9					
<u>330,000.000</u>	ALLISON TRANS-RYAN LABS	99.4380	<u>328,145.40</u>	99.4350	<u>328,135.50</u>	<u>9.90-</u>
330,000.000	TOTAL LOWE'S COS INC 3.100% 5/03/27		328,145.40		328,135.50	9.90-
	LYONDELLBASELL IND NV DTD 04/09/12 5.000 04/15/2019 CUSIP 552081AG6					
<u>279,000.000</u>	ALLISON TRANS-RYAN LABS	106.6527	<u>297,560.99</u>	103.7590	<u>289,487.61</u>	<u>8,073.38-</u>
279,000.000	TOTAL LYONDELLBASELL IND 5.000% 4/15/19		297,560.99		289,487.61	8,073.38-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	MANUF & TRADERS TRUST CO DTD 08/17/17 3.400 08/17/2027 CUSIP 55279HAQ3					
345,000.000	ALLISON TRANS-RYAN LABS	101.0157	348,504.30	100.2270	345,783.15	2,721.15-
345,000.000	TOTAL MANUF & TRADERS TRUS 3.400% 8/17/27		348,504.30		345,783.15	2,721.15-
	MASTERCARD INC DTD 03/31/14 3.375 04/01/2024 CUSIP 57636QAB0					
445,000.000	ALLISON TRANS-RYAN LABS	107.8060	479,736.70	104.3900	464,535.50	15,201.20-
445,000.000	TOTAL MASTERCARD INC 3.375% 4/01/24		479,736.70		464,535.50	15,201.20-
	MEDTRONIC INC DTD 03/15/15 4.375 03/15/2035 CUSIP 585055BT2					
420,000.000	ALLISON TRANS-RYAN LABS	113.3180	475,935.60	110.0790	462,331.80	13,603.80-
420,000.000	TOTAL MEDTRONIC INC 4.375% 3/15/35		475,935.60		462,331.80	13,603.80-
	MERCK & CO INC DTD 02/10/15 2.750 02/10/2025 CUSIP 58933YAR6					
520,000.000	ALLISON TRANS-RYAN LABS	101.1400	525,928.00	100.3100	521,612.00	4,316.00-
520,000.000	TOTAL MERCK & CO INC 2.750% 2/10/25		525,928.00		521,612.00	4,316.00-
	MICROSOFT CORP DTD 11/03/15 3.125 11/03/2025 CUSIP 594918BJ2					
455,000.000	ALLISON TRANS-RYAN LABS	106.3750	484,006.25	102.7440	467,485.20	16,521.05-
455,000.000	TOTAL MICROSOFT CORP 3.125% 11/03/25		484,006.25		467,485.20	16,521.05-
	MICROSOFT CORP DTD 02/06/17 4.250 02/06/2047 CUSIP 594918CA0					
245,000.000	ALLISON TRANS-RYAN LABS	100.8580	247,102.10	110.5580	270,867.10	23,765.00
245,000.000	TOTAL MICROSOFT CORP 4.250% 2/06/47		247,102.10		270,867.10	23,765.00

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	MIDAMERICAN ENERGY CO DTD 04/03/14 3.500 10/15/2024 CUSIP 595620AM7					
500,000.000	ALLISON TRANS-RYAN LABS	109.0510	545,255.00	105.0080	525,040.00	20,215.00-
500,000.000	TOTAL MIDAMERICAN ENERGY 3.500% 10/15/24		545,255.00		525,040.00	20,215.00-
	MIDAMERICAN ENERGY CO DTD 09/19/13 4.800 09/15/2043 CUSIP 595620AL9					
330,000.000	ALLISON TRANS-RYAN LABS	121.9850	402,550.50	116.3020	383,796.60	18,753.90-
330,000.000	TOTAL MIDAMERICAN ENERGY 4.800% 9/15/43		402,550.50		383,796.60	18,753.90-
	MORGAN STANLEY DTD 07/26/10 5.500 07/24/2020 CUSIP 6174467P8					
200,000.000	ALLISON TRANS-RYAN LABS	112.0630	224,126.00	108.6310	217,262.00	6,864.00-
200,000.000	TOTAL MORGAN STANLEY 5.500% 7/24/20		224,126.00		217,262.00	6,864.00-
	NATIONAL RURAL UTIL COOP DTD 04/25/17 3.050 04/25/2027 CUSIP 637432NN1					
665,000.000	ALLISON TRANS-RYAN LABS	100.0000	665,000.00	100.0210	665,139.65	139.65
665,000.000	TOTAL NATIONAL RURAL UTIL 3.050% 4/25/27		665,000.00		665,139.65	139.65
	NIKE INC DTD 10/21/16 2.375 11/01/2026 CUSIP 654106AF0					
365,000.000	ALLISON TRANS-RYAN LABS	95.1130	347,162.45	94.8740	346,290.10	872.35-
365,000.000	TOTAL NIKE INC 2.375% 11/01/26		347,162.45		346,290.10	872.35-
	NOVARTIS CAPITAL CORP DTD 11/20/15 4.000 11/20/2045 CUSIP 66989HAK4					
420,000.000	ALLISON TRANS-RYAN LABS	110.7330	465,078.60	105.7280	444,057.60	21,021.00-
420,000.000	TOTAL NOVARTIS CAPITAL COR 4.000% 11/20/45		465,078.60		444,057.60	21,021.00-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	OMNICON GROUP INC DTD 04/23/12 3.625 05/01/2022 CUSIP 681919AZ9					
405,000.000	ALLISON TRANS-RYAN LABS	107.1220	433,844.10	104.2800	422,334.00	11,510.10-
405,000.000	TOTAL OMNICON GROUP INC 3.625% 5/01/22		433,844.10		422,334.00	11,510.10-
	ORACLE CORP DTD 04/09/08 6.500 04/15/2038 CUSIP 68389XAE5					
360,000.000	ALLISON TRANS-RYAN LABS	138.3870	498,193.20	137.2970	494,269.20	3,924.00-
360,000.000	TOTAL ORACLE CORP 6.500% 4/15/38		498,193.20		494,269.20	3,924.00-
	PACIFIC GAS & ELECTRIC DTD 03/23/04 6.050 03/01/2034 CUSIP 694308GE1					
255,000.000	ALLISON TRANS-RYAN LABS	129.4080	329,990.40	130.2330	332,094.15	2,103.75
255,000.000	TOTAL PACIFIC GAS & ELECTR 6.050% 3/01/34		329,990.40		332,094.15	2,103.75
	PEPSICO INC DTD 10/14/15 4.450 04/14/2046 CUSIP 713448DD7					
400,000.000	ALLISON TRANS-RYAN LABS	118.4020	473,608.00	110.9100	443,640.00	29,968.00-
400,000.000	TOTAL PEPSICO INC 4.450% 4/14/46		473,608.00		443,640.00	29,968.00-
	PFIZER INC DTD 11/21/16 4.000 12/15/2036 CUSIP 717081EC3					
240,000.000	ALLISON TRANS-RYAN LABS	100.0610	240,146.40	107.2540	257,409.60	17,263.20
240,000.000	TOTAL PFIZER INC 4.000% 12/15/36		240,146.40		257,409.60	17,263.20
	QUALCOMM INC DTD 05/26/17 3.250 05/20/2027 CUSIP 747525AU7					
505,000.000	ALLISON TRANS-RYAN LABS	100.3010	506,520.05	100.8380	509,231.90	2,711.85
505,000.000	TOTAL QUALCOMM INC 3.250% 5/20/27		506,520.05		509,231.90	2,711.85

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	RAYTHEON COMPANY DTD 10/20/10 4.875 10/15/2040 CUSIP 755111BU4					
180,000.000	ALLISON TRANS-RYAN LABS	117.2780	211,100.40	117.7850	212,013.00	912.60
180,000.000	TOTAL RAYTHEON COMPANY 4.875% 10/15/40		211,100.40		212,013.00	912.60
	REGENCY ENERGY PART/FIN DTD 02/10/14 5.875 03/01/2022 CUSIP 75886AAL2					
450,000.000	ALLISON TRANS-RYAN LABS	111.8470	503,311.50	110.6870	498,091.50	5,220.00-
450,000.000	TOTAL REGENCY ENERGY PART/ 5.875% 3/01/22		503,311.50		498,091.50	5,220.00-
	SHELL INTERNATIONAL FIN DTD 09/12/16 2.500 09/12/2026 CUSIP 822582BX9					
260,000.000	ALLISON TRANS-RYAN LABS	98.3190	255,629.40	96.3610	250,538.60	5,090.80-
260,000.000	TOTAL SHELL INTERNATIONAL 2.500% 9/12/26		255,629.40		250,538.60	5,090.80-
	SOUTHERN CAL EDISON DTD 03/24/17 4.000 04/01/2047 CUSIP 842400GG2					
320,000.000	ALLISON TRANS-RYAN LABS	100.2400	320,768.00	105.2620	336,838.40	16,070.40
320,000.000	TOTAL SOUTHERN CAL EDISON 4.000% 4/01/47		320,768.00		336,838.40	16,070.40
	SOUTHWESTERN PUBLIC SERV DTD 08/10/11 4.500 08/15/2041 CUSIP 845743BN2					
440,000.000	ALLISON TRANS-RYAN LABS	116.1980	511,271.20	110.6200	486,728.00	24,543.20-
440,000.000	TOTAL SOUTHWESTERN PUBLIC 4.500% 8/15/41		511,271.20		486,728.00	24,543.20-
	STATOIL ASA DTD 05/15/13 3.950 05/15/2043 CUSIP 85771PAL6					
210,000.000	ALLISON TRANS-RYAN LABS	103.1050	216,520.50	100.2810	210,590.10	5,930.40-
210,000.000	TOTAL STATOIL ASA 3.950% 5/15/43		216,520.50		210,590.10	5,930.40-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	STRYKER CORP DTD 01/15/10 4.375 01/15/2020 CUSIP 863667AB7					
230,000.000	ALLISON TRANS-RYAN LABS	108.4120	249,347.60	105.3520	242,309.60	7,038.00-
230,000.000	TOTAL STRYKER CORP 4.375% 1/15/20		249,347.60		242,309.60	7,038.00-
	TJX COS INC DTD 05/02/13 2.500 05/15/2023 CUSIP 872540AP4					
235,000.000	ALLISON TRANS-RYAN LABS	103.0270	242,113.45	100.2370	235,556.95	6,556.50-
235,000.000	TOTAL TJX COS INC 2.500% 5/15/23		242,113.45		235,556.95	6,556.50-
	TOYOTA MOTOR CREDIT CORP DTD 01/12/12 3.300 01/12/2022 CUSIP 89233P5T9					
140,000.000	ALLISON TRANS-RYAN LABS	107.5880	150,623.20	104.0320	145,644.80	4,978.40-
140,000.000	TOTAL TOYOTA MOTOR CREDIT 3.300% 1/12/22		150,623.20		145,644.80	4,978.40-
	TRANS-CANADA PIPELINES DTD 01/27/16 3.125 01/15/2019 CUSIP 89352HAS8					
200,000.000	ALLISON TRANS-RYAN LABS	102.9010	205,802.00	101.5030	203,006.00	2,796.00-
200,000.000	TOTAL TRANS-CANADA PIPELIN 3.125% 1/15/19		205,802.00		203,006.00	2,796.00-
	TRAVELERS COS INC DTD 06/20/06 6.750 06/20/2036 CUSIP 792860AK4					
225,000.000	ALLISON TRANS-RYAN LABS	144.5970	325,343.25	138.5780	311,800.50	13,542.75-
225,000.000	TOTAL TRAVELERS COS INC 6.750% 6/20/36		325,343.25		311,800.50	13,542.75-
	UNITED PARCEL SERVICE DTD 10/24/16 2.400 11/15/2026 CUSIP 911312AY2					
200,000.000	ALLISON TRANS-RYAN LABS	94.7700	189,540.00	96.6230	193,246.00	3,706.00
200,000.000	TOTAL UNITED PARCEL SERVIC 2.400% 11/15/26		189,540.00		193,246.00	3,706.00

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	UNITED TECHNOLOGIES CORP DTD 11/01/16 3.750 11/01/2046 CUSIP 913017CJ6					
380,000.000	ALLISON TRANS-RYAN LABS	99.5350	378,233.00	96.4340	366,449.20	11,783.80-
380,000.000	TOTAL UNITED TECHNOLOGIES 3.750% 11/01/46		378,233.00		366,449.20	11,783.80-
	UNITEDHEALTH GROUP INC DTD 07/23/15 4.625 07/15/2035 CUSIP 91324PCQ3					
185,000.000	ALLISON TRANS-RYAN LABS	116.1270	214,834.95	114.6080	212,024.80	2,810.15-
185,000.000	TOTAL UNITEDHEALTH GROUP 4.625% 7/15/35		214,834.95		212,024.80	2,810.15-
	US BANCORP MED TERM NOTE SER X DTD 04/27/17 3.150 04/27/2027 CUSIP 91159HHR4					
225,000.000	ALLISON TRANS-RYAN LABS	102.1870	229,920.75	100.5840	226,314.00	3,606.75-
225,000.000	TOTAL US BANCORP 3.150% 4/27/27		229,920.75		226,314.00	3,606.75-
	VENTAS REALTY LP DTD 03/29/17 3.100 01/15/2023 CUSIP 92277GAK3					
100,000.000	ALLISON TRANS-RYAN LABS	101.7130	101,713.00	100.4770	100,477.00	1,236.00-
100,000.000	TOTAL VENTAS REALTY LP 3.100% 1/15/23		101,713.00		100,477.00	1,236.00-
	VERIZON COMMUNICATIONS DTD 03/17/14 4.150 03/15/2024 CUSIP 92343VBY9					
475,000.000	ALLISON TRANS-RYAN LABS	104.1563	494,742.65	105.8740	502,901.50	8,158.85
475,000.000	TOTAL VERIZON COMMUNICATIO 4.150% 3/15/24		494,742.65		502,901.50	8,158.85
	VISA INC DTD 12/14/15 3.150 12/14/2025 CUSIP 92826CAD4					
230,000.000	ALLISON TRANS-RYAN LABS	105.6330	242,955.90	102.4510	235,637.30	7,318.60-
230,000.000	TOTAL VISA INC 3.150% 12/14/25		242,955.90		235,637.30	7,318.60-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	WALT DISNEY COMPANY/THE MED TERM NOTE DTD 06/02/14 4.125 06/01/2044 CUSIP 25468PDB9					
<u>240,000.000</u>	ALLISON TRANS-RYAN LABS	112.8250	<u>270,780.00</u>	104.8400	<u>251,616.00</u>	<u>19,164.00-</u>
240,000.000	TOTAL WALT DISNEY COMPANY/ 4.125% 6/01/44		270,780.00		251,616.00	19,164.00-
	WELLS FARGO & COMPANY DTD 02/13/13 3.450 02/13/2023 CUSIP 94974BFJ4					
<u>455,000.000</u>	ALLISON TRANS-RYAN LABS	103.1190	<u>469,191.45</u>	102.4620	<u>466,202.10</u>	<u>2,989.35-</u>
455,000.000	TOTAL WELLS FARGO & COMPAN 3.450% 2/13/23		469,191.45		466,202.10	2,989.35-
	WELLS FARGO & COMPANY DTD 03/08/12 3.500 03/08/2022 CUSIP 94974BFC9					
<u>500,000.000</u>	ALLISON TRANS-RYAN LABS	106.1000	<u>530,500.00</u>	103.8630	<u>519,315.00</u>	<u>11,185.00-</u>
500,000.000	TOTAL WELLS FARGO & COMPAN 3.500% 3/08/22		530,500.00		519,315.00	11,185.00-
	WELLS FARGO & COMPANY MED TERM NOTE DTD 07/22/15 4.300 07/22/2027 CUSIP 94974BGL8					
<u>250,000.000</u>	ALLISON TRANS-RYAN LABS	107.7740	<u>269,435.00</u>	105.7620	<u>264,405.00</u>	<u>5,030.00-</u>
250,000.000	TOTAL WELLS FARGO & COMPAN 4.300% 7/22/27		269,435.00		264,405.00	5,030.00-
	WESTAR ENERGY INC DTD 03/06/17 3.100 04/01/2027 CUSIP 95709TAP5					
<u>330,000.000</u>	ALLISON TRANS-RYAN LABS	102.3770	<u>337,844.10</u>	100.5290	<u>331,745.70</u>	<u>6,098.40-</u>
330,000.000	TOTAL WESTAR ENERGY INC 3.100% 4/01/27		337,844.10		331,745.70	6,098.40-
	TOTAL CORPORATE BONDS		39,868,473.24		39,264,743.01	603,730.23-
	CORPORATE BACKED OBLIGATION					

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
490,000.000	AMERICAN CREDIT ACCEPTANCE REC SER 2017-1 CL D *0 DAY DELAY* 144A PRIV PLCMT 3.540 03/13/2023 CUSIP 02529GAG7					
490,000.000	ALLISON TRANS-RYAN LABS	99.8815	489,419.41	100.2010	490,984.90	1,565.49
	TOTAL AMERICAN CREDIT ACCE 3.540% 3/13/23		489,419.41		490,984.90	1,565.49
430,000.000	AMERICREDIT AUTOMOBILE RECEIVA SER 2016-4 CL D *0 DAY DELAY* DTD 10/13/16 2.740 12/08/2022 CUSIP 03065TAG7					
430,000.000	ALLISON TRANS-RYAN LABS	99.9803	429,915.16	99.4470	427,622.10	2,293.06-
	TOTAL AMERICREDIT AUTOMOBIL 2.740% 12/08/22		429,915.16		427,622.10	2,293.06-
455,000.000	AMERICREDIT AUTOMOBILE RECEIVA SER 2017-3 CL D *0 DAY DELAY* DTD 08/16/17 3.180 07/18/2023 CUSIP 03065HAG3					
455,000.000	ALLISON TRANS-RYAN LABS	100.4375	456,990.63	99.9220	454,645.10	2,345.53-
	TOTAL AMERICREDIT AUTOMOBIL 3.180% 7/18/23		456,990.63		454,645.10	2,345.53-
370,000.000	AMERICREDIT AUTOMOBILE RECEIVA SER 2017-2 CL D *0 DAY DELAY* DTD 05/17/17 3.420 04/18/2023 CUSIP 03065GAG5					
370,000.000	ALLISON TRANS-RYAN LABS	99.9764	369,912.79	100.9960	373,685.20	3,772.41
	TOTAL AMERICREDIT AUTOMOBIL 3.420% 4/18/23		369,912.79		373,685.20	3,772.41
390,000.000	CHRYSLER CAPITAL AUTO RECEIVAB SER 2016-BA CL D *0 DAY DELAY* 144A PRIV PLCMT 3.510 09/15/2023 CUSIP 17119BAG2					
390,000.000	ALLISON TRANS-RYAN LABS	99.9823	389,931.13	99.6940	388,806.60	1,124.53-
	TOTAL CHRYSLER CAPITAL AUT 3.510% 9/15/23		389,931.13		388,806.60	1,124.53-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	DRIVE AUTO RECEIVABLES TRUST SER 2017-AA CL D *0 DAY DELAY* 144A PRIV PLCMT 4.160 05/15/2024 CUSIP 26208CAN8					
400,000.000	ALLISON TRANS-RYAN LABS	101.9219	407,687.50	101.7040	406,816.00	871.50-
400,000.000	TOTAL DRIVE AUTO RECEIVABL 4.160% 5/15/24		407,687.50		406,816.00	871.50-
	FIVE GUYS FUNDING, LLC SER 2017-1A CL A2 *0 DAY DELAY* 144A PRIV PLCMT 4.600 07/25/2047 CUSIP 33830JAA3					
330,000.000	ALLISON TRANS-RYAN LABS	100.0000	330,000.00	102.4510	338,088.30	8,088.30
330,000.000	TOTAL FIVE GUYS FUNDING, 4.600% 7/25/47		330,000.00		338,088.30	8,088.30
	SIERRA RECEIVABLES FUNDING CO SER 2016-3A CL B *0 DAY DELAY* 144A PRIV PLCMT 2.630 10/20/2033 CUSIP 82652YAB0					
239,952.850	ALLISON TRANS-RYAN LABS	99.9888	239,926.02	98.7030	236,840.66	3,085.36-
239,952.850	TOTAL SIERRA RECEIVABLES 2.630% 10/20/33		239,926.02		236,840.66	3,085.36-
	TOTAL CORPORATE BACKED OBLIGATION		3,113,782.64		3,117,488.86	3,706.22
	MORTGAGE BACKED OBLIGATION					
	COMM MORTGAGE TRUST SER 2017-COR2 CL D *9 DAY DELAY* 144A PRIV PLCMT 3.000 09/10/2050 CUSIP 12595EAN5					
320,000.000	ALLISON TRANS-RYAN LABS	80.2952	256,944.73	80.0239	256,076.48	868.25-
320,000.000	TOTAL COMM MORTGAGE TRUST 3.000% 9/10/50		256,944.73		256,076.48	868.25-
	COMM 2015-LC21 MTG TR MTG PASS THRU CTF CL C SER 2015-LC21 CL C *0 DAY DELAY* DTD 06/01/15 1.000 07/10/2048 CUSIP 12593FBH6					
370,000.000	ALLISON TRANS-RYAN LABS	94.0410	347,951.70	96.4620	356,909.40	8,957.70
370,000.000	TOTAL COMM 2015-LC21 /MTG 1.000% 7/10/48		347,951.70		356,909.40	8,957.70

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	CREDIT SUISSE MORTGAGE TRUST SER 2014-USA CL D *14 DAY DELAY* 144A PRIV PLCMT 4.373 09/15/2037 CUSIP 12649AAN9					
<u>230,000.000</u>	ALLISON TRANS-RYAN LABS	96.5740	<u>222,120.20</u>	95.7340	<u>220,188.20</u>	<u>1,932.00-</u>
230,000.000	TOTAL CREDIT SUISSE MORTG 4.3733% 9/15/37		222,120.20		220,188.20	1,932.00-
	GOVT NATL MTG ASSN SER 2017-44 CL B *15 DAY DELAY* DTD 03/01/17 2.600 04/17/2050 CUSIP 38379RPQ0					
<u>200,000.000</u>	ALLISON TRANS-RYAN LABS	87.7148	<u>175,429.69</u>	92.5750	<u>185,150.00</u>	<u>9,720.31</u>
200,000.000	TOTAL GOVT NATL MTG ASSN 2.600% 4/17/50		175,429.69		185,150.00	9,720.31
	JP MORGAN CHASE COMMERCIAL MOR SER 2017-JP7 CL C *14 DAY DELAY* DTD 07/01/17 3.807 09/15/2050 CUSIP 465968AL9					
<u>360,000.000</u>	ALLISON TRANS-RYAN LABS	97.1835	<u>349,860.60</u>	97.1660	<u>349,797.60</u>	<u>63.00-</u>
360,000.000	TOTAL JP MORGAN CHASE CO 3.80685% 9/15/50		349,860.60		349,797.60	63.00-
	MORGAN STANLEY CAPITAL I TRUST SER 2016-BNK2 CL AS *14 DAY DELAY* DTD 11/01/16 3.282 11/15/2049 CUSIP 61690YBX9					
<u>550,000.000</u>	ALLISON TRANS-RYAN LABS	102.9945	<u>566,469.48</u>	100.6500	<u>553,575.00</u>	<u>12,894.48-</u>
550,000.000	TOTAL MORGAN STANLEY CAPIT 3.282% 11/15/49		566,469.48		553,575.00	12,894.48-
	FREMF MORTGAGE TRUST SER 2016-K55 CL C *24 DAY DELAY* 144A PRIV PLCMT 04/25/2049 CUSIP 30289HAG6					
<u>370,000.000</u>	ALLISON TRANS-RYAN LABS	97.0625	<u>359,131.25</u>	95.8440	<u>354,622.80</u>	<u>4,508.45-</u>
370,000.000	TOTAL VR FREMF MORTGAGE 4.29424% 4/25/49		359,131.25		354,622.80	4,508.45-

ASSET DETAIL REVALUED COST
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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	GOVT NATL MTG ASSN SER 2015-73 CL ME *15 DAY DELAY* DTD 05/01/15 11/16/2055 CUSIP 38379KMN5					
<u>300,000.000</u>	ALLISON TRANS-RYAN LABS	94.4375	<u>283,312.50</u>	94.0550	<u>282,165.00</u>	<u>1,147.50-</u>
300,000.000	TOTAL VR GOVT NATL MTG AS 3.000% 11/16/55		283,312.50		282,165.00	1,147.50-
	JP MORGAN CHASE COMMERCIAL MOR SER 2016-NINE CL A *5 DAY DELAY* 144A PRIV PLCMT 10/06/2038 CUSIP 46646GAA5					
<u>460,000.000</u>	ALLISON TRANS-RYAN LABS	102.5480	<u>471,720.80</u>	98.2310	<u>451,862.60</u>	<u>19,858.20-</u>
460,000.000	TOTAL VR JP MORGAN CHASE 2.8541% 10/06/38		471,720.80		451,862.60	19,858.20-
	JPMBB COMMERCIAL MORTGAGE SECU SER 2015-C28 CL C *14 DAY DELAY* DTD 04/01/15 10/15/2048 CUSIP 46644FAK7					
<u>635,000.000</u>	ALLISON TRANS-RYAN LABS	92.6490	<u>588,321.15</u>	96.8140	<u>614,768.90</u>	<u>26,447.75</u>
635,000.000	TOTAL VR JPMBB COMMERCIA 4.24056% 10/15/48		588,321.15		614,768.90	26,447.75
	SFAVE COMMERCIAL MORTGAGE SECU SER 2015-5AVE CL B *4 DAY DELAY* 144A PRIV PLCMT 01/05/2035 CUSIP 78413MAL2					
<u>410,000.000</u>	ALLISON TRANS-RYAN LABS	98.6470	<u>404,452.70</u>	94.6510	<u>388,069.10</u>	<u>16,383.60-</u>
410,000.000	TOTAL VR SFAVE COMMERCIA 4.38801% 1/05/35		404,452.70		388,069.10	16,383.60-
	UBS-CITIGROUP COMMERCIAL MORTG SER 2011-C1 CL E *9 DAY DELAY* 144A PRIV PLCMT 01/10/2045 CUSIP 90268TAS3					
<u>500,000.000</u>	ALLISON TRANS-RYAN LABS	109.4660	<u>547,330.00</u>	98.4460	<u>492,230.00</u>	<u>55,100.00-</u>
500,000.000	TOTAL VR UBS-CITIGROUP 6.08395% 1/10/45		547,330.00		492,230.00	55,100.00-

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PAR VALUE/SHARES	DESCRIPTION	REVALUED COST		MARKET VALUE		UNREALIZED GAIN/LOSS ON REVALUED COST
		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	WELLS FARGO COMMERCIAL MORTGAG SER 2016-LC25 CL B *14 DAY DELAY* DTD 12/01/16 4.437 12/15/2059 CUSIP 95000JBA5					
205,000.000	ALLISON TRANS-RYAN LABS	101.9128	208,921.24	103.9900	213,179.50	4,258.26
205,000.000	TOTAL WELLS FARGO COMMERC 4.4367% 12/15/59		208,921.24		213,179.50	4,258.26
	WELLS FARGO COMMERCIAL MORTGAG SER 2017-C39 CL C *14 DAY DELAY* DTD 08/01/17 4.118 09/15/2050 CUSIP 95000XAL1					
430,000.000	ALLISON TRANS-RYAN LABS	99.4952	427,829.36	98.7630	424,680.90	3,148.46-
430,000.000	TOTAL WELLS FARGO COMMERC 4.118% 9/15/50		427,829.36		424,680.90	3,148.46-
	TOTAL MORTGAGE BACKED OBLIGATION		5,209,795.40		5,143,275.48	66,519.92-
	PRIVATE PLACEMENT					
	ELECTRICITE DE FRANCE SA 144A PRIV PLCMT 4.950 10/13/2045 CUSIP 268317AQ7					
165,000.000	ALLISON TRANS-RYAN LABS	107.2172	176,908.30	110.5530	182,412.45	5,504.15
165,000.000	TOTAL P/P ELECTRICITE DE 4.950% 10/13/45		176,908.30		182,412.45	5,504.15
	MET LIFE GLOB FUNDING I 144A PRIV PLCMT 3.000 01/10/2023 CUSIP 59217GAX7					
395,000.000	ALLISON TRANS-RYAN LABS	103.1300	407,363.50	101.6240	401,414.80	5,948.70-
395,000.000	TOTAL P/P MET LIFE GLOB FU 3.000% 1/10/23		407,363.50		401,414.80	5,948.70-
	ROCHE HOLDING INC 144A PRIV PLCMT 3.350 09/30/2024 CUSIP 771196BE1					
450,000.000	ALLISON TRANS-RYAN LABS	108.1050	486,472.50	103.6590	466,465.50	20,007.00-
450,000.000	TOTAL P/P ROCHE HOLDING IN 3.350% 9/30/24		486,472.50		466,465.50	20,007.00-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	SIEMENS FINANCIERINGSMAT 144A PRIV PLCMT 3.400 03/16/2027 CUSIP 82620KAU7					
665,000.000	ALLISON TRANS-RYAN LABS	102.9574	684,666.75	102.8910	684,225.15	441.60-
665,000.000	TOTAL P/P SIEMENS FINANCIE 3.400% 3/16/27		684,666.75		684,225.15	441.60-
	SPRINT SPECTRUM / SPEC I 144A PRIV PLCMT 3.360 09/20/2021 CUSIP 85208NAA8					
505,000.000	ALLISON TRANS-RYAN LABS	101.0644	510,375.00	101.5000	512,575.00	2,200.00
505,000.000	TOTAL P/P SPRINT SPECTRUM 3.360% 3/20/23		510,375.00		512,575.00	2,200.00
	TOTAL PRIVATE PLACEMENT		2,265,786.05		2,247,092.90	18,693.15-
	TOTAL BONDS & NOTES		70,875,221.76		68,986,394.40	1,888,827.36-
	MUTUAL FUNDS					
	MUTUAL FUNDS- EQUITY					
	BLACKSTONE ALTERNATIVE MULTI-STRATEGY FUND CLASS I CUSIP 09257V201					
149,348.056	ALLISON HOURLY MUTUAL FUNDS	10.1942	1,522,479.94	10.9200	1,630,880.77	108,400.83
149,348.056	TOTAL BLACKSTONE ALT MULTI-STRAT-I		1,522,479.94		1,630,880.77	108,400.83
	DFA EMERGING MARKETS CORE EQUITY FUND CLASS I #5272 CUSIP 233203421					
38,965.337	ALLISON HOURLY MUTUAL FUNDS	18.5606	723,218.78	21.6900	845,158.16	121,939.38
38,965.337	TOTAL DFA EMERG MKTS CORE EQTY FD I #5272		723,218.78		845,158.16	121,939.38
	EATON VANCE ATLANTA CAPITAL SMID-CAP FUND CLASS R6 #1016 CUSIP 277902235					
78,197.055	ALLISON HOURLY MUTUAL FUNDS	28.3842	2,219,563.51	31.9900	2,501,523.79	281,960.28
78,197.055	TOTAL EATON VANCE-ATLANTA SMID-R6 #1016		2,219,563.51		2,501,523.79	281,960.28

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	HARTFORD INTERNATIONAL OPPORTUNITIES FUND CLASS Y CUSIP 416645885					
<u>139,596.348</u>	ALLISON HOURLY MUTUAL FUNDS	15.5981	<u>2,177,431.68</u>	18.0200	<u>2,515,526.19</u>	<u>338,094.51</u>
139,596.348	TOTAL HARTFORD INTL OPPORT-Y		2,177,431.68		2,515,526.19	338,094.51
	PIMCO COMMODITY REAL RETURN STRATEGY FUND-CLASS I #45 CUSIP 722005667					
<u>126,926.638</u>	ALLISON HOURLY MUTUAL FUNDS	6.9512	<u>882,296.39</u>	6.5700	<u>833,908.01</u>	<u>48,388.38-</u>
126,926.638	TOTAL PIMCO COMMODITY REAL RET STRAT-I#45		882,296.39		833,908.01	48,388.38-
	PRINCIPAL INVESTORS REAL ESTATE SECURITIES INSTL FUND #4934 CUSIP 742530580					
<u>34,892.719</u>	ALLISON HOURLY MUTUAL FUNDS	24.0837	<u>840,346.22</u>	23.5500	<u>821,723.53</u>	<u>18,622.69-</u>
34,892.719	TOTAL PRINCIPAL INV R/E SEC-IS FUND 4934		840,346.22		821,723.53	18,622.69-
	TOTAL MUTUAL FUNDS- EQUITY		8,365,336.52		9,148,720.45	783,383.93
	TOTAL MUTUAL FUNDS		8,365,336.52		9,148,720.45	783,383.93
	TOTAL ASSETS AND LIABILITIES		85,831,455.15		84,997,344.98	834,110.17-
	PENDING TRADES		1,644,566.33-		1,644,566.33-	
	ACCRUED INCOME		433,076.50		433,076.50	
	NET ADJUSTED ASSETS		<u>84,619,965.32</u>		<u>83,785,855.15</u>	<u>834,110.17-</u>

Schedule SB, line 24 — Change in Actuarial Assumptions

- Expense normal cost was updated from \$260,000 to \$320,000 to reflect our expectations for the current plan year.