

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). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.5em; font-weight: bold;">2017</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2017 or fiscal plan year beginning <u>10/01/2017</u> and ending <u>09/30/2018</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>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>004</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>08/07/2007</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>004</u>	1c Effective date of plan <u>08/07/2007</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>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>26-0413897</u></td> </tr> <tr> <td>2c Plan Sponsor's telephone number <u>317-242-3561</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>336300</u></td> </tr> </table>	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>	
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.	07/11/2019	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

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

Form 5500 (2017)
v. 170203

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 or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 1173
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	6a(1) 750
a(2) Total number of active participants at the end of the plan year	6a(2) 635
b Retired or separated participants receiving benefits	6b 376
c Other retired or separated participants entitled to future benefits	6c 121
d Subtotal. Add lines 6a(2) , 6b , and 6c	6d 1132
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	6e 38
f Total. Add lines 6d and 6e	6f 1170
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	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
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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 2017 Form M-1 annual report. If the plan was not required to file the 2017 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 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 10/01/2017 and ending 09/30/2018

▶ **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
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Part I Basic Information

1 Enter the valuation date: Month <u>10</u> Day <u>01</u> Year <u>2017</u>			
2 Assets:			
a Market value	2a	<u>97755937</u>	
b Actuarial value	2b	<u>97755937</u>	
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	<u>304</u>	<u>17090890</u>	<u>17090890</u>
b For terminated vested participants	<u>121</u>	<u>2168683</u>	<u>2168683</u>
c For active participants	<u>750</u>	<u>43498694</u>	<u>45042447</u>
d Total	<u>1175</u>	<u>62758267</u>	<u>64302020</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>5.94 %</u>	
6 Target normal cost	6	<u>3232141</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>06/26/2019</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 ☐

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>1.16</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)		17825178
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>6.14</u> %		1094466
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		18919644
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	152.02%
15 Adjusted funding target attainment percentage	15	152.02%
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	138.90%
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
Totals ▶			18(b)	0	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	0

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: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %	☐ 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	3232141
b Excess assets, if applicable, but not greater than line 31a	31b	3232141
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
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	0
38 Present value of excess contributions for current year (see instructions)		
a Total (excess, if any, of line 37 over line 36)	38a	0
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b	
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
		2017
		This Form is Open to Public Inspection.

For calendar plan year 2017 or fiscal plan year beginning 10/01/2017 and ending 09/30/2018		
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
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

(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	168601	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	61575	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	34259	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 INVESTOR

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:	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:

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 2017 This Form is Open to Public Inspection.
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For calendar plan year 2017 or fiscal plan year beginning 10/01/2017 and ending 09/30/2018

A Name of plan <u>ALLISON TRANSMISSION HOURLY-RATE EMPLOYEES PENSION PLAN</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)
---------------	--

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>4047884</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
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)

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>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor 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.	OMB No. 1210-0110 2017 This Form is Open to Public Inspection
For calendar plan year 2017 or fiscal plan year beginning <u>10/01/2017</u> and ending <u>09/30/2018</u>		
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 Asset and Liability Statement			
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	-1644566	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	14400000	0
(2) Participant contributions	1b(2)		
(3) Other.....	1b(3)	433076	576106
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	3428959	1718132
(2) U.S. Government securities.....	1c(2)	18721698	21271627
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	39264743	46880573
(B) All other.....	1c(3)(B)	10507857	10567888
(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)	3433271	4047901
(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)	9148721	10652864
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)	492096	0

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(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	98185855 95715091
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	98185855 95715091

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.

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	0
	(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)	0
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	27980
	(B) U.S. Government securities	2b(1)(B)	277210
	(C) Corporate debt instruments	2b(1)(C)	1956227
	(D) Loans (other than to participants)	2b(1)(D)	
	(E) Participant loans	2b(1)(E)	
	(F) Other	2b(1)(F)	101034
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	2362451
(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)	138063
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	138063
(3)	Rents	2b(3)	0
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	63150868
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	63538017
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	-387149
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	-3387315
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	-3387315

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		614630
(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)		526081
c Other income	2c		11032
d Total income. Add all income amounts in column (b) and enter total.....	2d		-122207

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	2003150	
(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)		2003150
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)	61575	
(3) Investment advisory and management fees	2i(3)	202895	
(4) Other	2i(4)	80937	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		345407
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		2348557

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		-2470764
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.)		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.)		X	
e Was this plan covered by a fidelity bond?	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?		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?		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?		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.)	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.)	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?		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
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.			

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

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 4138534. (See instructions.)

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>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).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2017</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2017 or fiscal plan year beginning 10/01/2017 and ending 09/30/2018		
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	Distributions	
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 0
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): 26-6189386		
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 0
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.)	
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	
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		
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.	
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) 2017 v. 170203		

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

- 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: 11.0% Investment-Grade Debt: 83.0% High-Yield Debt: _____% Real Estate: 1.0% Other: 5.0%

- 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):

Allison Transmission Hourly-Rate Employees Pension Plan

EIN 26-0413897 PN 004

Independent Auditor's Report and Financial Statements

September 30, 2018 and 2017

Allison Transmission Hourly-Rate Employees Pension Plan

September 30, 2018 and 2017

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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 Employee Pension Plan, which comprise the statements of net assets available for benefits as of September 30, 2018 and 2017, 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, 2017 and 2016, 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, 2018 and 2017, 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*.

BKD, LLP

Indianapolis, Indiana
July 1, 2019

Federal Employer Identification Number: 44-0160260

Allison Transmission Hourly-Rate Employees Pension Plan

Statements of Net Assets Available for Benefits

September 30, 2018 and 2017

Assets

	2018	2017
Investments, at fair value	\$ 95,138,985	\$ 84,997,345
Receivables		
Employer contributions	-	14,400,000
Accrued interest income	576,106	433,076
	<u>576,106</u>	<u>14,833,076</u>
Total assets	95,715,091	99,830,421

Liabilities

Due to broker for securities purchased	-	1,644,566
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Net Assets Available for Benefits

\$ 95,715,091	\$ 98,185,855
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Allison Transmission Hourly-Rate Employees Pension Plan

Statements of Changes in Net Assets Available for Benefits

Years Ended September 30, 2018 and 2017

	<u>2018</u>	<u>2017</u>
Additions		
Investment Income (Loss)		
Net depreciation in fair value of investments	\$ (2,633,753)	\$ (1,112,294)
Interest and dividends	2,500,514	2,039,048
Other income	11,032	5,926
Net investment income (loss)	<u>(122,207)</u>	<u>932,680</u>
Employer Contribution	<u>-</u>	<u>19,250,000</u>
Total	<u>(122,207)</u>	<u>20,182,680</u>
Deductions		
Benefits paid to participants	2,003,150	1,586,495
Administrative expenses	264,470	233,478
Pension Benefit Guaranty Corporation premium	80,937	75,136
Total	<u>2,348,557</u>	<u>1,895,109</u>
Net Increase (Decrease)	(2,470,764)	18,287,571
Net Assets Available for Benefits, Beginning of Year	<u>98,185,855</u>	<u>79,898,284</u>
Net Assets Available for Benefits, End of Year	<u><u>\$ 95,715,091</u></u>	<u><u>\$ 98,185,855</u></u>

Allison Transmission Hourly-Rate Employees Pension Plan

Statements of Accumulated Plan Benefits and Changes in Accumulated Plan Benefits October 1, 2017 and 2016

Statements of Accumulated Plan Benefits

	October 1,	
	2017	2016
Vested benefits		
Participants and beneficiaries currently receiving payments	\$ 19,365,049	\$ 14,944,405
Other participants	55,673,381	52,269,480
	<u>75,038,430</u>	<u>67,213,885</u>
Nonvested benefits	2,095,049	1,948,389
	<u>2,095,049</u>	<u>1,948,389</u>
Total actuarial present value of accumulated plan benefits	<u>\$ 77,133,479</u>	<u>\$ 69,162,274</u>

Statements of Changes in Accumulated Plan Benefits

	Years Ended October 1,	
	2017	2016
Actuarial present value of accumulated plan benefits, beginning of year	<u>\$ 69,162,274</u>	<u>\$ 63,370,689</u>
Increase (decrease) during the year and period attributable to		
Benefits accumulated	4,392,257	4,135,487
Increase for interest due to the decrease in the discount period	3,210,237	2,946,712
Benefits paid	(1,586,495)	(1,245,591)
Change in actuarial assumptions (interest and mortality assumptions)	1,404,990	(45,023)
Change in plan provisions (additional benefits)	550,216	-
Net increase	<u>7,971,205</u>	<u>5,791,585</u>
Actuarial present value of accumulated plan benefits, end of year	<u>\$ 77,133,479</u>	<u>\$ 69,162,274</u>

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements

September 30, 2018 and 2017

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, 2018 and 2017

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, 2018 and 2017

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 1, 2019, 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, 2018 and 2017

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 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, 2018 and 2017

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.

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, 2018 and 2017
- Investment income (loss) as shown in the statements of changes in net assets available for benefits for the years ended September 30, 2018 and 2017
- Due to broker for securities purchased as of September 30, 2017
- Investment information included in the accompanying schedule of assets (held at year end) as of September 30, 2018 and schedule of reportable transactions for the year ended September 30, 2018

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, 2018 and 2017

Significant assumptions underlying the actuarial computations are:

Assumed rate of return of investments	4.5 percent, compounded annually (4.7 percent for 2016)
Mortality basis	Mercer MRP-2006 Mortality Table for employees and annuitants with blue collar adjustment and projected generational mortality improvements according to MSS-2017 for healthy and disabled lives (Mercer MRP-2007 and MSS-2007 for 2016)
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, 2018 and 2017

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, 2018 and 2017:

2018				
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	\$ 1,718,132	\$ 1,718,132	\$ -	\$ -
Pooled, common and collective fund	4,047,901	-	4,047,901	-
Bonds and notes	57,448,461	-	57,448,461	-
U.S. Governmental securities	21,271,627	5,456,335	15,815,292	-
Mutual funds	10,652,864	10,652,864	-	-
	<u>\$ 95,138,985</u>	<u>\$ 17,827,331</u>	<u>\$ 77,311,654</u>	<u>\$ -</u>

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>

Allison Transmission Hourly-Rate Employees Pension Plan

Notes to Financial Statements

September 30, 2018 and 2017

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, 2018. 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 \$80,937 and \$75,136 during 2018 and 2017, respectively. The Plan paid \$61,576 and \$53,481 of administrative fees to the trustee during 2018 and 2017, respectively. The Plan paid \$202,894 and \$179,997 of investment management fees during 2018 and 2017, 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, 2018

(a)(b) Identity of Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
Money Market Fund			
*Wells Fargo Advantage Treasury Plus Money Market Fund	1,718,132 shares	\$ 1,718,132	\$ 1,718,132
Pooled, Common and Collective Fund			
Northern Trust Investments, Inc.	417 shares	3,161,938	4,047,901
U.S. Governmental Securities			
U.S. Treasury Bond 02/15/2048	1,930,000 par value	1,863,891	1,857,393
U.S. Treasury Bond 05/15/2048	125,000 par value	127,090	123,335
U.S. Treasury Bond 11/15/2046	700,000 par value	281,631	282,968
U.S. Treasury Note 02/15/2028	1100,000 par value	107,916	107,246
U.S. Treasury Note 04/30/2023	385,000 par value	382,102	381,828
U.S. Treasury Note 05/15/2028	2,620,000 par value	2,577,921	2,580,490
U.S. Treasury Note 08/15/2028	125,000 par value	123,125	123,075
U.S. Treasury Bond/Note SEC Stripped Zero	3,735,000 par value	1,734,060	1,890,545
U.S. Treasury SEC Stripped 11/15/2037	2,600,000 par value	1,246,570	1,404,494
U.S. Treasury SEC Stripped 08/15/2047	3,800,000 par value	1,493,666	1,496,440
U.S. Treasury SEC Stripped Zero Cpn 11/15/2041	3,230,000 par value	1,399,364	1,529,147
U.S. Treasury SEC Stripped Zero Cpn 05/15/2046	1,620,000 par value	699,613	664,459
U.S. Treasury Bond Stripped Zero Cpn 11/15/2043	1,900,000 par value	734,046	842,517
U.S. Treasury Bond Stripped Zero Cpn 11/15/2044	2,000,000 par value	824,140	873,700
U.S. Treasury Bond Stripped Zero Cpn 11/15/2044	3,250,000 par value	1,264,683	1,398,930
U.S. Treasury Bond Stripped Zero Cpn 11/15/2045	2,510,000 par value	1,081,113	1,047,097
U.S. Treasury Bond Zero Cpn 11/15/2038	2,925,000 par value	1,348,396	1,529,951
U.S. Treasury Bond Zero Cpn 11/15/2040	3,450,000 par value	1,541,947	1,688,189
U.S. Treasury Bond Zero Cpn 11/15/2042	3,165,000 par value	1,325,150	1,449,823
		20,156,424	21,271,627
Bonds and Notes			
Abbvie Inc.	245,000 par value	249,119	240,808
Ace INA Holdings	330,000 par value	366,971	337,009
Alibaba Group Holding 11/28/2019	320,000 par value	323,824	318,336
Alibaba Group Holding 11/28/2024	410,000 par value	421,207	403,141
Allstate Corp.	510,000 par value	521,769	495,445
Amazon.com Inc.	395,000 par value	387,511	386,725
Ameren Illinois Co.	355,000 par value	357,464	329,802
America Movil SAB DE CV	505,000 par value	527,481	494,491
Ameriprise Financial, Inc.	255,000 par value	256,701	236,594
Amgen Inc.	150,000 par value	151,547	150,780
Andeavor	400,000 par value	428,772	412,920
Anheuser-Busch INBEV FIN 02/01/2026	455,000 par value	473,823	442,124
Anheuser-Busch INBEV FIN 02/01/2036	465,000 par value	460,294	465,623
Anthem Inc.	390,000 par value	395,363	370,496
Apple, Inc. 02/09/2027	710,000 par value	719,595	694,536
Apple, Inc. 05/13/2045	460,000 par value	463,091	478,285
Apple, Inc. 09/12/2047	470,000 par value	467,316	441,856
AT&T, Inc. 05/15/2025	705,000 par value	674,234	671,209
Baker Hughes LLC/CO-OBL	445,000 par value	395,641	403,842
Bank of America Corp.	867,000 par value	894,577	841,371
Bank of NY Mellon Corp	230,000 par value	231,472	223,121
Berkshire Hathaway FIN	320,000 par value	332,160	323,430
Boeing Co	380,000 par value	520,695	456,494

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, 2018

(a)(b) Identity of Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
BP Capital Markets PLC 04/14/2024	225,000 par value	\$ 230,877	\$ 219,958
BP Capital Markets PLC 05/04/2026	400,000 par value	410,145	381,420
Burlington North Santa Fe 08/15/2031	265,000 par value	343,435	337,300
Burlington North Santa Fe 09/01/2043	240,000 par value	295,634	269,107
Capital One NA	255,000 par value	255,105	252,215
Charles Schwab Corp	395,000 par value	394,735	397,793
Chevron Corp.	785,000 par value	783,236	779,309
Cisco Systems, Inc.	520,000 par value	513,069	480,938
Citigroup, Inc.	800,000 par value	784,611	784,608
CNOOC Finance 2013 LTD	650,000 par value	634,763	622,895
Comcast Corp. 01/15/2027	355,000 par value	334,843	312,372
Comcast Corp. 01/15/2033	567,000 par value	572,063	555,841
Commonwealth Edison Co.	510,000 par value	461,417	468,695
Cons Edison Co. of NY	260,000 par value	260,400	266,152
Consolidated Edison Co.	205,000 par value	218,956	209,481
Credit Suisse New York	325,000 par value	335,566	320,314
Duke Energy Carolinas	375,000 par value	368,498	356,115
Duke Energy Indiana LLC	360,000 par value	365,490	329,202
El Paso Pipeline Part Op	579,000 par value	610,341	601,569
Entergy Louisiana LLC	350,000 par value	356,720	350,847
ERP Operating LP	335,000 par value	336,189	317,912
Florida Power & Light Co. 06/01/2024	500,000 par value	507,400	492,675
Florida Power & Light Co. 02/01/2041	365,000 par value	453,162	417,688
Ford Motor Credit Co. LLC 11/02/2020	530,000 par value	516,718	515,160
Ford Motor Credit Co. LLC 09/08/2024	480,000 par value	460,549	448,872
Franklin Resources, Inc.	220,000 par value	217,743	213,888
GE Capital Intl Funding	341,000 par value	322,423	320,936
General Elec Cap Corp.	105,000 par value	134,507	117,206
General Electric Co.	910,000 par value	989,358	858,330
Georgia Power Company	445,000 par value	469,755	422,599
Gilead Sciences, Inc.	335,000 par value	339,221	322,732
Goldman Sachs Group, Inc. 01/24/2022	395,000 par value	450,498	420,244
HSBC BK USA NA Global	300,000 par value	353,460	341,802
Intel Corp. 07/29/2025	190,000 par value	189,717	191,273
Intel Corp. 12/08/2047	315,000 par value	318,686	293,542
John Deere Capital Corp.	260,000 par value	261,409	241,387
Johnson & Johnson 12/05/2033	225,000 par value	245,862	239,454
Johnson & Johnson 01/15/2048	415,000 par value	419,104	380,240
JPMorgan Chase & Co. 09/23/2022	455,000 par value	453,671	450,978
JPMorgan Chase & Co. 07/15/2025	700,000 par value	725,900	699,755
JPMorgan Chase & Co. 07/24/2038	630,000 par value	579,858	588,414
Keycorp	325,000 par value	360,786	338,094
Kimberly-Clark Corp	245,000 par value	249,092	234,583
Loews Corp.	330,000 par value	341,884	327,268
Lowe's Companies, Inc. 05/03/2027	365,000 par value	363,164	348,334
Lowe's Companies, Inc. 04/15/2046	360,000 par value	348,592	326,894

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, 2018

(a)(b) Identity of Issuer	(c) Description of Investment	(d) Cost	(e) Current Value
Lyondellbasell Ind NV	279,000 par value	\$ 299,027	\$ 280,398
Manuf & Traders Trust Co.	345,000 par value	348,504	331,435
MasterCard, Inc.	445,000 par value	452,988	444,924
Medtronic, Inc.	420,000 par value	461,851	434,351
Merck & Co., Inc.	330,000 par value	333,762	316,777
Microsoft Corp. 11/03/2025	455,000 par value	481,385	445,381
Microsoft Corp. 02/06/2047	645,000 par value	691,926	677,263
MidAmerican Energy Co. 10/15/2024	500,000 par value	513,640	499,255
MidAmerican Energy Co. 09/15/2043	355,000 par value	384,631	384,312
Morgan Stanley 07/24/2020	200,000 par value	224,878	207,506
Morgan Stanley 04/24/2024	720,000 par value	716,738	713,887
National Rural Utility Coop	665,000 par value	665,000	628,398
Nike, Inc.	365,000 par value	347,162	331,121
Omnicom Group, Inc.	405,000 par value	411,407	402,708
Oracle Corp.	360,000 par value	452,866	462,215
Pacific Gas & Electric	225,000 par value	291,168	255,744
PacifiCorp	305,000 par value	391,330	384,507
PepsiCo, Inc.	400,000 par value	446,972	421,632
PNC Bank NA	400,000 par value	401,472	400,316
PPL Electric Utilities	355,000 par value	389,534	378,295
Public Service Electric	775,000 par value	775,744	770,094
Qualcomm, Inc.	505,000 par value	506,520	475,271
Raytheon Company	180,000 par value	211,100	200,988
Regency Energy Part/Fin	505,000 par value	522,170	511,858
Shell International Fin	260,000 par value	253,133	239,879
Shire Acq Inv Ireland DA	350,000 par value	345,016	338,062
Simon Property Group LP	365,000 par value	366,756	349,732
Southern Cal Edison 10/01/2043	370,000 par value	390,801	384,241
Southern Cal Edison 04/01/2047	525,000 par value	525,899	493,133
Southwestern Public Serv	440,000 par value	451,079	451,475
Statoil ASA	350,000 par value	337,793	340,960
Stryker Corp.	230,000 par value	249,348	233,678
Texas Instruments Inc.	370,000 par value	370,484	371,517
Toronto-Dominion Bank	415,000 par value	414,436	414,232
Travelers Cos., Inc.	225,000 par value	321,383	291,080
Union Pacific Corp	400,000 par value	399,984	400,024
United Parcel Service 11/15/2026	200,000 par value	189,540	182,626
United Parcel Service 11/15/2027	365,000 par value	363,912	349,144
United Technologies Corp.	355,000 par value	350,939	310,685
UnitedHealth Group, Inc.	185,000 par value	184,978	196,931
Ventas Realty LP	100,000 par value	101,713	97,102
Verizon Communications	475,000 par value	494,743	483,949
Visa, Inc.	230,000 par value	230,078	223,013
Wal-Mart Stores Inc.	335,000 par value	321,979	313,520
*Wells Fargo & Company 02/13/2023	455,000 par value	451,415	446,942
*Wells Fargo & Company 03/08/2022	845,000 par value	865,857	843,783
*Wells Fargo & Company 07/22/2027	250,000 par value	265,595	249,053
*Wells Fargo & Company 02/07/2035	375,000 par value	417,473	419,205
Westar Energy, Inc.	330,000 par value	337,844	313,144
American Credit Acceptance Rec	490,000 par value	489,419	488,898

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, 2018

(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	\$ 447,743
AmeriCredit Automobile Receiva 04/18/2023	370,000 par value	369,913	367,380
Chrysler Capital Auto Receivable	390,000 par value	389,931	385,527
Drive Auto Receivables Trust	400,000 par value	407,688	404,000
Sierra Receivables Funding Co.	143,458 par value	143,442	138,909
Credit Suisse Mortgage Trust	230,000 par value	225,968	218,231
Csail Commercial Mortgage Trust	400,000 par value	411,125	396,760
Fed Home Ln Mortgage Corp	380,000 par value	366,299	367,696
FREMF Mortgage Trust 03/25/2049	370,000 par value	359,131	353,650
FREMF Mortgage Trust 04/25/2049	420,000 par value	387,417	385,249
FREMF Mortgage Trust 11/25/2049	440,000 par value	430,444	425,682
Govt Natl Mtg Assn 11/16/2055	300,000 par value	283,313	268,212
Govt Natl Mtg Assn 06/16/2057	180,000 par value	150,768	155,304
Govt Natl Mtg Assn 04/17/2050	200,000 par value	175,430	170,738
Govt Natl Mtg Assn 12/16/2056	280,000 par value	258,617	242,357
Govt Natl Mtg Assn 03/16/2052	387,188 par value	274,713	273,408
Govt Natl Mtg Assn 01/16/2049	386,342 par value	370,573	369,753
JPMorgan Chase Commercial Mor 10/06/2038	460,000 par value	469,434	431,066
JPMorgan Chase Commercial Mor 09/15/2050	360,000 par value	349,861	339,725
Morgan Stanley Capital I Trust	275,000 par value	283,235	261,984
Sfave Commercial Mortgage Secu	410,000 par value	398,853	384,875
*Wells Fargo Commercial Mortgage 12/15/2059	95,000 par value	96,817	96,246
*Wells Fargo Commercial Mortgage 09/15/2050	240,000 par value	238,788	230,273
Aviation Capital Group	400,000 par value	401,348	395,796
Electricite De France Sa	165,000 par value	176,908	161,641
Enel Finance Intl NV	340,000 par value	335,791	299,282
Hyundai Capital Amera	255,000 par value	255,260	251,035
Met Life Glob Funding I	395,000 par value	388,540	386,914
Roche Holding, Inc.	450,000 par value	478,962	445,779
Siemens Financiering mat	665,000 par value	684,667	646,447
Sprint Spectrum/Spec I	378,750 par value	382,781	377,326
		<u>59,575,619</u>	<u>57,448,461</u>
Mutual Funds			
Blackstone Alternative	185,988 shares	1,937,671	2,017,966
DFA Emerging Markets Core Equity	39,815 shares	749,177	824,160
Eaton Vance Atlanta Capital Smid-Cap	85,381 shares	2,366,922	3,261,550
Hartford International Opportunities	158,033 shares	2,555,436	2,694,469
PIMCO Commodity Real Return	134,454 shares	1,043,433	860,507
Principal Investors Real Estate	41,529 shares	914,069	994,212
		<u>9,566,708</u>	<u>10,652,864</u>
		<u>\$ 94,178,821</u>	<u>\$ 95,138,985</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, 2018

Identity	Description	Purchase Price	Selling Price	Lease Rental	Expenses Incurred With Transaction	Cost of Asset	Current Value of Asset on Transaction Date	Net Gain (Loss)
Issuer	Wells Fargo Advantage Treasury Plus Money Market Fund							
	Purchases	\$ 29,281,002				\$ 29,281,002	\$ 29,281,002	
	Sales		\$ 30,991,829			30,991,829	30,991,829	\$ -
Issuer	US Treasury Bond, 2.75%, 08/15/2047							
	Purchases	2,551,082				2,551,082	2,551,082	
	Sales		2,383,278			2,551,082	2,383,278	(167,804)
Issuer	US Treasury Bond, 3%, 02/15/2048							
	Purchases	3,463,482				3,463,482	3,463,482	
	Sales		1,631,407			1,599,591	1,631,407	31,816
Issuer	US Treasury Note, 2.75%, 04/30/2023							
	Purchases	2,401,746				2,401,746	2,401,746	
	Sales		2,031,123			2,019,644	2,031,123	11,479

Schedule SB, line 26 — Schedule of Active Participant Data

ATTAINED AGE	YEARS OF CREDITED SERVICE										
	UNDER 1	1–4	5–9	10–14	15–19	20–24	25–29	30–34	35–39	40 & UP	TOTAL
Under 25											0
25–29											0
30–34			15								15
35–39			10	1	6						17
40–44			13		16	3					32
45–49			16		21	6					43
50–54			7	1	11	9	3	2			33
55–59			4		15	6	9	5	74	32	145
60–64			4		14	4	4	16	114	142	298
65–69			1		3		2	3	55	74	138
70 & up							2	1	7	19	29
Total	0	0	70	2	86	28	20	27	250	267	750

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, 2017 FUNDING VALUATION

ECONOMIC ASSUMPTIONS	10/01/2017	10/01/2017	
Discount rate sponsor elections			
• Segment rates or full yield curve	Segment rates	Segment rates	
• Look-back months	0	0	
	<u>Stabilized rates</u>	<u>Nonstabilized rates</u>	
• First 5 years	4.16%	1.76%	
• Next 15 years	5.72%	3.74%	
• Over 20 years	6.48%	4.63%	
	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 on Scale AA.		
• Disabilities 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 on Scale AA.		
	Rationale: Mortality prescribed by IRS.		
Other economic assumptions			
• Flat-dollar benefit increases	None assumed		
• Inflation	Not applicable		
• Expenses	\$310,000 added to current year normal cost Rationale: Expenses are assumed to be equal to the prior Plan Year administration expenses (excluding PBGC premiums) plus expected PBGC Premiums for the current Plan Year rounded to the nearest \$10,000.		
• Late retirement increases	Active participants over age 70 and deferred vested participants over age 65 receive late retirement increases based on Actuarial Equivalence.		

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.		
• 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.		
• 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 retirement eligible
• Current Vested	100%	0%	N/A
	Rationale: Based on ATI experience.		
Unpredictable contingent event assumptions	Not applicable		

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

Table of Sample Rate

Attained Age	Withdrawal Rates
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****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 participants 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 are 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.

Asset Methods

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



Allison Transmission Hourly-Rate Employees Pension Plan (EIN/PN: 26-0413897/004)
Attachments to Schedule H (2017 Form 5500)
Schedule H, Line 4j - Schedule of Reportable Transactions

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REPORTABLE TRANSACTIONS - SINGLE / BY ISSUE
FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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	83,785,855.15				
		COMPARATIVE VALUE (5%)	4,189,292.76				
22831106	ISSUE: VP7000061 - WF TREAS PLUS MM FD-INST #793 05/15/18 B	8,550,000	1.000	0	8,550,000-*	8,550,000	
22831106	ISSUE: VP7000061 - WF TREAS PLUS MM FD-INST #793 05/17/18 S	8,535,000	1.000	0	8,535,000 *	8,535,000	0
	GRAND TOTAL			0	17,085,000	17,085,000	0

F O O T N O T E S

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

REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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	83,785,855.15
COMPARATIVE VALUE (5%)	4,189,292.76

BROKER: GOLDMAN SACHS

22831106	ISSUE: 912834PT9 - US TREAS SEC STRIPPED 11/15/2045 11/01/17 B	1,400,000	0.443	0	620,396-	620,396	
22831106	ISSUE: 912810RX8 - US TREASURY BOND 3% 5/15/47 11/21/17 S	95,000	1.048	0	99,524	99,058	466
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 11/22/17 S	135,000	1.049	0	141,639	138,240	3,399
22831106	ISSUE: 912796LC1 - US TREASURY BILL 1/04/18 12/21/17 B	575,000	1.000	0	574,842-	574,842	
22831106	ISSUE: 9128282R0 - US TREASURY NOTE 2.25% 8/15/27 01/02/18 S	610,000	0.982	0	598,920	606,759	-7,839
22831106	ISSUE: 38380JVK1 - GOVT NATL MTG ASSN 2.5% 1/16/49 04/09/18 B	289,550	0.961	0	278,149-	278,149	
22831106	ISSUE: 912810SA7 - US TREASURY BOND 3% 2/15/48 05/15/18 B	3,300,000	0.963	0	3,177,539-	3,177,539	
22831106	ISSUE: 912810RY6 - US TREASURY BOND 2.75% 8/15/47 05/21/18 S	260,000	0.913	0	237,280	254,619	-17,338
22831106	ISSUE: 912810SA7 - US TREASURY BOND 3% 2/15/48 05/23/18 S	400,000	0.967	0	386,813	385,156	1,656
22831106	ISSUE: 05369AAC5 - P/P AVIATION CAPITAL 3.875% 5/01/23 05/29/18 B	400,000	1.003	0	401,348-	401,348	
22831106	ISSUE: 9128284L1 - US TREASURY NOTE 2.75% 4/30/23 06/06/18 S	400,000	0.998	0	399,047	396,989	2,058
22831106	ISSUE: 912810SA7 - US TREASURY BOND 3% 2/15/48 06/06/18 S	400,000	0.976	0	390,203	385,437	4,767
22831106	ISSUE: 172967LV1 - VR CITIGROUP INC 3.142% 1/24/23 06/18/18 B	415,000	0.981	0	407,169-	407,169	
22831106	ISSUE: 172967KK6 - CITIGROUP INC 2.7% 3/30/21 06/18/18 S	360,000	0.981	0	353,232	366,048	-12,816
22831106	ISSUE: 9128284L1 - US TREASURY NOTE 2.75% 4/30/23 07/11/18 S	500,000	1.000	0	499,863	496,236	3,627
22831106	ISSUE: 912834QV3 - US TREASURY BOND 11/15/46 09/26/18 B	700,000	0.402	0	281,631-	281,631	
22831106	ISSUE: 912834EV6 - US TREAS SEC STRIPPED 09/26/18 B	1,235,000	0.506	0	624,910-	624,910	
22831106	ISSUE: 912834PT9 - US TREAS SEC STRIPPED 11/15/2045 09/26/18 B	1,110,000	0.415	0	460,717-	460,717	

REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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: 912834KV9 - US TREAS SEC STRIPPED 09/26/18 B	1,030,000	0.474	0	487,860-	487,860	
22831106	ISSUE: 912833Y38 - US TREAS SEC STRIPPED 11/15/36 09/26/18 S	2,500,000	0.556	0	1,243,475	1,243,475	0
	SUB-TOTAL			0	11,664,557	11,686,578	-22,020
BROKER: CHASE SECURITIES INC							
22831106	ISSUE: 29278GAF5 - P/P ENEL FINANCE INT 3.5% 4/06/28 10/03/17 B	340,000	0.988	0	335,791-	335,791	
22831106	ISSUE: 912810RS9 - US TREASURY BOND 2.5% 5/15/46 10/16/17 S	15,000	0.938	0	14,065	15,155	-1,090
22831106	ISSUE: 912810RS9 - US TREASURY BOND 2.5% 5/15/46 11/16/17 S	75,000	0.938	0	70,310	75,775	-5,466
22831106	ISSUE: 912810RT7 - US TREASURY BOND 2.25% 8/15/46 11/16/17 S	225,000	0.888	0	199,775	188,974	10,802
22831106	ISSUE: 912828U24 - US TREASURY NOTE 2% 11/15/26 11/21/17 S	140,000	0.971	0	135,915	136,330	-416
22831106	ISSUE: 9128283F5 - US TREASURY NOTE 2.25% 11/15/27 01/02/18 S	485,000	0.982	0	476,077	475,755	322
22831106	ISSUE: 9128282S8 - US TREASURY NOTE 1.625% 8/31/22 01/17/18 S	155,000	0.967	0	149,950	153,317	-3,366
22831106	ISSUE: 020002BC4 - ALLSTATE CORP 4.2% 12/15/46 01/22/18 B	30,000	1.065	0	31,937-	31,937	
22831106	ISSUE: 9128282S8 - US TREASURY NOTE 1.625% 8/31/22 01/23/18 S	20,000	0.967	0	19,340	19,783	-443
22831106	ISSUE: 9128282Z2 - US TREASURY NOTE 1.625% 10/15/20 02/16/18 S	90,000	0.982	0	88,362	89,680	-1,318
22831106	ISSUE: 912810RY6 - US TREASURY BOND 2.75% 8/15/47 03/20/18 S	345,000	0.929	0	320,607	337,859	-17,252
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 03/28/18 S	120,000	0.998	0	119,789	122,880	-3,091
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 04/30/18 S	320,000	0.979	0	313,263	327,680	-14,418
22831106	ISSUE: 912834RR1 - US TREAS SEC STRIPPED 8/15/47 05/21/18 B	3,800,000	0.393	0	1,493,666-	1,493,666	
22831106	ISSUE: 912828V98 - US TREASURY NOTE 2.25% 2/15/27 06/05/18 S	190,000	0.948	0	180,181	179,891	289
22831106	ISSUE: 9128284N7 - US TREASURY NOTE 2.875% 5/15/28 06/06/18 B	195,000	0.993	0	193,598-	193,598	
22831106	ISSUE: 91159HHR4 - US BANCORP 3.15% 4/27/27 06/06/18 S	225,000	0.954	0	214,722	229,921	-15,199
22831106	ISSUE: 46644FAK7 - VR JPMBB COMMERCIAL 4.24056% 10/15/48 06/18/18 S	70,000	0.958	0	67,063	67,955	-891

REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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: 46644FAK7 - VR JPMBB COMMERCIA 4.24056% 10/15/48 08/13/18 S	365,000	0.968	0	353,323	354,335	-1,012
22831106	ISSUE: 912833X96 - US TREAS SEC STRIPPED 11/15/35 09/26/18 S	2,600,000	0.575	0	1,495,910	1,545,206	-49,296
	SUB-TOTAL			0	6,273,644	6,375,488	-101,844
BROKER: DEUTSCHE BANK SECURITIES							
22831106	ISSUE: 9128282R0 - US TREASURY NOTE 2.25% 8/15/27 10/03/17 S	340,000	0.994	0	337,835	338,194	-359
22831106	ISSUE: 12595EAN5 - COMM MORTGAGE TRUST 3% 9/10/50 10/13/17 S	160,000	0.808	0	129,288	128,472	815
22831106	ISSUE: 912810RX8 - US TREASURY BOND 3% 5/15/47 10/19/17 S	300,000	1.033	0	309,949	314,098	-4,148
22831106	ISSUE: 03065TAG7 - AMERICREDIT AUTOMOBIL 2.74% 12/08/22 10/26/17 S	190,000	0.997	0	189,332	189,963	-630
22831106	ISSUE: 9128282Z2 - US TREASURY NOTE 1.625% 10/15/20 10/26/17 B	430,000	0.996	0	428,471-	428,471	
22831106	ISSUE: 912828U24 - US TREASURY NOTE 2% 11/15/26 11/03/17 B	370,000	0.974	0	360,302-	360,302	
22831106	ISSUE: 912810RX8 - US TREASURY BOND 3% 5/15/47 11/22/17 S	280,000	1.049	0	293,814	291,959	1,855
22831106	ISSUE: 912828M80 - US TREASURY NOTE 2% 11/30/22 12/01/17 B	250,000	0.993	0	248,350-	248,350	
22831106	ISSUE: 9128282Z2 - US TREASURY NOTE 1.625% 10/15/20 12/06/17 S	255,000	0.992	0	252,998	254,094	-1,096
22831106	ISSUE: 9128283F5 - US TREASURY NOTE 2.25% 11/15/27 12/26/17 B	1,300,000	0.981	0	1,275,219-	1,275,219	
22831106	ISSUE: 912828M80 - US TREASURY NOTE 2% 11/30/22 12/26/17 B	700,000	0.989	0	692,152-	692,152	
22831106	ISSUE: 12595EAN5 - COMM MORTGAGE TRUST 3% 9/10/50 01/16/18 S	160,000	0.817	0	130,663	128,472	2,190
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 01/23/18 S	355,000	1.017	0	361,018	363,520	-2,502
22831106	ISSUE: 9128283F5 - US TREASURY NOTE 2.25% 11/15/27 02/23/18 B	275,000	0.946	0	260,262-	260,262	
22831106	ISSUE: 912828M80 - US TREASURY NOTE 2% 11/30/22 03/07/18 S	165,000	0.972	0	160,379	163,350	-2,972
22831106	ISSUE: 912834LX4 - US TREASURY BOND 11/15/42 09/26/18 B	1,065,000	0.458	0	487,355-	487,355	
22831106	ISSUE: 912834JH2 - US TREASURY BOND 11/15/40 09/26/18 B	1,100,000	0.489	0	537,768-	537,768	

REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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	6,455,155	6,462,001	-6,847
BROKER: JEFFERIES & COMPANY, INC.							
22831106	ISSUE: 13063A5G5 - CALIFORNIA ST 7.55% 4/01/39 11/03/17 S	90,000	1.553	0	139,746	129,343	10,403
22831106	ISSUE: 912810RX8 - US TREASURY BOND 3% 5/15/47 11/03/17 B	90,000	1.036	0	93,234-	93,234	
22831106	ISSUE: 478160CM4 - JOHNSON & JOHNSON 3.5% 1/15/48 11/22/17 B	415,000	1.010	0	419,104-	419,104	
22831106	ISSUE: 717081EC3 - PFIZER INC 4% 12/15/36 01/04/18 S	240,000	1.087	0	260,753	240,146	20,606
22831106	ISSUE: 912810RY6 - US TREASURY BOND 2.75% 8/15/47 01/04/18 B	175,000	0.990	0	173,305-	173,305	
22831106	ISSUE: 25468PDB9 - WALT DISNEY COMPANY/ 4.125% 6/01/44 01/11/18 S	240,000	1.074	0	257,794	248,398	9,396
22831106	ISSUE: 912810RY6 - US TREASURY BOND 2.75% 8/15/47 01/11/18 B	215,000	0.977	0	210,095-	210,095	
22831106	ISSUE: 02361DAR1 - AMEREN ILLINOIS CO 3.7% 12/01/47 01/23/18 B	355,000	1.007	0	357,464-	357,464	
22831106	ISSUE: 437076BH4 - HOME DEPOT INC 4.25% 4/01/46 02/02/18 S	300,000	1.071	0	321,204	322,290	-1,086
22831106	ISSUE: 912810RY6 - US TREASURY BOND 2.75% 8/15/47 02/02/18 B	290,000	0.938	0	271,920-	271,920	
22831106	ISSUE: 912810RZ3 - US TREASURY BOND 2.75% 11/15/47 02/20/18 B	315,000	0.920	0	289,800-	289,800	
22831106	ISSUE: 00206RBK7 - AT&T INC 4.35% 6/15/45 02/20/18 S	425,000	0.889	0	377,868	362,283	15,585
22831106	ISSUE: 842400GG2 - SOUTHERN CAL EDISON 4% 4/01/47 02/21/18 B	205,000	1.001	0	205,131-	205,131	
22831106	ISSUE: 912810RZ3 - US TREASURY BOND 2.75% 11/15/47 03/15/18 B	260,000	0.941	0	244,684-	244,684	
22831106	ISSUE: 66989HAK4 - NOVARTIS CAPITAL COR 4% 11/20/45 03/15/18 S	285,000	1.030	0	293,467	295,103	-1,636
22831106	ISSUE: 912810RZ3 - US TREASURY BOND 2.75% 11/15/47 04/10/18 B	125,000	0.947	0	118,320-	118,320	
22831106	ISSUE: 66989HAK4 - NOVARTIS CAPITAL COR 4% 11/20/45 04/10/18 S	135,000	1.028	0	138,753	139,786	-1,033
22831106	ISSUE: 023135BD7 - P/P AMAZON.COM INC 3.875% 8/22/37 05/21/18 B	395,000	0.981	0	387,511-	387,511	
22831106	ISSUE: 949746JM4 - WELLS FARGO & CO 5.375% 2/07/35 05/23/18 B	375,000	1.113	0	417,473-	417,473	
22831106	ISSUE: 166764AH3 - CHEVRON CORP 3.191% 6/24/23 07/11/18 B	560,000	0.996	0	557,631-	557,631	

REPORTABLE TRANSACTIONS - SERIES / BY BROKER
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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: 9128284V9 - US TREASURY NOTE 2.875% 8/15/28 09/26/18 B	125,000	0.985	0	123,125-	123,125	
22831106	ISSUE: 58933YAR6 - MERCK & CO INC 2.75% 2/10/25 09/26/18 S	190,000	0.961	0	182,641	192,166	-9,525
SUB-TOTAL				0	5,841,023	5,798,312	42,711
BROKER: PIERPONT SECURITIES LLC							
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 01/22/18 S	210,000	1.014	0	212,961	215,040	-2,079
22831106	ISSUE: 9128283F5 - US TREASURY NOTE 2.25% 11/15/27 01/23/18 S	465,000	0.968	0	450,124	456,136	-6,012
22831106	ISSUE: 46625HMN7 - JPMORGAN CHASE & CO 3.9% 7/15/25 01/23/18 B	700,000	1.037	0	725,900-	725,900	
22831106	ISSUE: 912810RV2 - US TREASURY BOND 3% 2/15/47 01/23/18 S	395,000	1.020	0	402,746	404,480	-1,735
22831106	ISSUE: 126650DA5 - CVS HEALTH CORP 3.125% 3/09/20 03/08/18 B	115,000	1.003	0	115,307-	115,307	
22831106	ISSUE: 9128284L1 - US TREASURY NOTE 2.75% 4/30/23 05/15/18 B	2,200,000	0.992	0	2,183,242-	2,183,242	
22831106	ISSUE: 9128284N7 - US TREASURY NOTE 2.875% 5/15/28 05/15/18 B	3,200,000	0.983	0	3,146,875-	3,146,875	
22831106	ISSUE: 695114CG1 - PACIFICORP 6.25% 10/15/37 06/06/18 B	305,000	1.283	0	391,330-	391,330	
22831106	ISSUE: 912810SC3 - US TREASURY BOND 3.125% 5/15/48 08/13/18 B	125,000	1.017	0	127,090-	127,090	
22831106	ISSUE: 494550BD7 - KINDER MORGAN ENER 6.5% 9/01/39 08/13/18 S	180,000	1.119	0	201,332	180,770	20,561
SUB-TOTAL				0	7,956,907	7,946,170	10,736
GRAND TOTAL				0	38,191,286	38,268,549	-77,265



Allison Transmission Hourly-Rate Employees Pension Plan (EIN/PN: 26-0413897/004)
Attachments to Schedule H (2017 Form 5500)
Schedule H, Line 4j - Schedule of Reportable Transactions

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REPORTABLE TRANSACTIONS - SERIES / BY BROKER
FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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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F O O T N O T E S

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

REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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	83,785,855.15
COMPARATIVE VALUE (5%)	4,189,292.76

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

22831100	12/21/17 B	238	1.000	0	238-	238	
22831100	12/26/17 B	4,000,000	1.000	0	4,000,000-	4,000,000	
22831100	12/26/17 B	430	1.000	0	430-	430	
22831100	01/11/18 B	497	1.000	0	497-	497	
22831100	02/28/18 B	852	1.000	0	852-	852	
22831100	03/01/18 B	852	1.000	0	852-	852	
22831100	03/05/18 B	502	1.000	0	502-	502	
22831100	04/02/18 B	383	1.000	0	383-	383	
22831100	05/15/18 B	1,070,000	1.000	0	1,070,000-	1,070,000	
22831100	05/29/18 B	869	1.000	0	869-	869	
22831100	06/01/18 B	595	1.000	0	595-	595	
22831100	07/02/18 B	232	1.000	0	232-	232	
22831100	07/31/18 B	248	1.000	0	248-	248	
22831100	08/03/18 B	327	1.000	0	327-	327	
22831100	08/07/18 B	135	1.000	0	135-	135	
22831100	08/16/18 B	280	1.000	0	280-	280	
22831104	10/02/17 B	5	1.000	0	5-	5	
22831104	11/01/17 B	0	1.000	0	0-	0	
22831104	12/01/17 B	0	1.000	0	0-	0	
22831104	12/26/17 B	60,000	1.000	0	60,000-	60,000	
22831104	01/02/18 B	2	1.000	0	2-	2	
22831104	02/01/18 B	0	1.000	0	0-	0	
22831104	03/01/18 B	0	1.000	0	0-	0	
22831104	04/02/18 B	0	1.000	0	0-	0	
22831104	05/01/18 B	0	1.000	0	0-	0	
22831104	05/15/18 B	780,000	1.000	0	780,000-	780,000	
22831104	06/01/18 B	33	1.000	0	33-	33	
22831104	07/02/18 B	0	1.000	0	0-	0	
22831104	08/01/18 B	0	1.000	0	0-	0	
22831104	09/04/18 B	0	1.000	0	0-	0	
22831106	10/05/17 B	6,122	1.000	0	6,122-	6,122	
22831106	10/06/17 B	340,415	1.000	0	340,415-	340,415	
22831106	10/10/17 B	2,076	1.000	0	2,076-	2,076	
22831106	10/10/17 B	2,317	1.000	0	2,317-	2,317	
22831106	10/13/17 B	1,446	1.000	0	1,446-	1,446	
22831106	10/16/17 B	41,532	1.000	0	41,532-	41,532	
22831106	10/17/17 B	144,290	1.000	0	144,290-	144,290	

REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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	10/18/17 B	11,928	1.000	0	11,928-	11,928	
22831106	10/18/17 B	1,397	1.000	0	1,397-	1,397	
22831106	10/19/17 B	1,329	1.000	0	1,329-	1,329	
22831106	10/20/17 B	11,286	1.000	0	11,286-	11,286	
22831106	10/23/17 B	313,887	1.000	0	313,887-	313,887	
22831106	10/24/17 B	194,736	1.000	0	194,736-	194,736	
22831106	10/25/17 B	11,424	1.000	0	11,424-	11,424	
22831106	10/26/17 B	5,801	1.000	0	5,801-	5,801	
22831106	10/27/17 B	3,544	1.000	0	3,544-	3,544	
22831106	10/30/17 B	3,576	1.000	0	3,576-	3,576	
22831106	11/01/17 B	27,929	1.000	0	27,929-	27,929	
22831106	11/06/17 B	4,778	1.000	0	4,778-	4,778	
22831106	11/07/17 B	56,426	1.000	0	56,426-	56,426	
22831106	11/08/17 B	1,131	1.000	0	1,131-	1,131	
22831106	11/09/17 B	443,190	1.000	0	443,190-	443,190	
22831106	11/10/17 B	9,750	1.000	0	9,750-	9,750	
22831106	11/10/17 B	3,978	1.000	0	3,978-	3,978	
22831106	11/13/17 B	10,944	1.000	0	10,944-	10,944	
22831106	11/13/17 B	1,446	1.000	0	1,446-	1,446	
22831106	11/15/17 B	25,007	1.000	0	25,007-	25,007	
22831106	11/16/17 B	13,470	1.000	0	13,470-	13,470	
22831106	11/17/17 B	1,587	1.000	0	1,587-	1,587	
22831106	11/17/17 B	2,980	1.000	0	2,980-	2,980	
22831106	11/21/17 B	1,055	1.000	0	1,055-	1,055	
22831106	11/27/17 B	18,410	1.000	0	18,410-	18,410	
22831106	11/29/17 B	9,850	1.000	0	9,850-	9,850	
22831106	12/01/17 B	26,719	1.000	0	26,719-	26,719	
22831106	12/05/17 B	2,606	1.000	0	2,606-	2,606	
22831106	12/07/17 B	1,499	1.000	0	1,499-	1,499	
22831106	12/07/17 B	1,094	1.000	0	1,094-	1,094	
22831106	12/08/17 B	857,963	1.000	0	857,963-	857,963	
22831106	12/11/17 B	87,776	1.000	0	87,776-	87,776	
22831106	12/12/17 B	2,520	1.000	0	2,520-	2,520	
22831106	12/12/17 B	400	1.000	0	400-	400	
22831106	12/14/17 B	3,623	1.000	0	3,623-	3,623	
22831106	12/15/17 B	54,095	1.000	0	54,095-	54,095	
22831106	12/15/17 B	3,818	1.000	0	3,818-	3,818	
22831106	12/18/17 B	1,055	1.000	0	1,055-	1,055	
22831106	12/19/17 B	1,206	1.000	0	1,206-	1,206	
22831106	12/19/17 B	854	1.000	0	854-	854	
22831106	12/20/17 B	21,792	1.000	0	21,792-	21,792	
22831106	12/20/17 B	255,014	1.000	0	255,014-	255,014	
22831106	12/20/17 B	31,563	1.000	0	31,563-	31,563	
22831106	12/21/17 B	880	1.000	0	880-	880	
22831106	12/26/17 B	3,350,000	1.000	0	3,350,000-	3,350,000	
22831106	01/02/18 B	7,131	1.000	0	7,131-	7,131	

REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
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ALLISON HOURLY CONSOLIDATED
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TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	01/04/18 B	576,137	1.000	0	576,137-	576,137	
22831106	01/08/18 B	261,366	1.000	0	261,366-	261,366	
22831106	01/09/18 B	344,306	1.000	0	344,306-	344,306	
22831106	01/10/18 B	31,720	1.000	0	31,720-	31,720	
22831106	01/12/18 B	2,921	1.000	0	2,921-	2,921	
22831106	01/16/18 B	83,839	1.000	0	83,839-	83,839	
22831106	01/17/18 B	70,824	1.000	0	70,824-	70,824	
22831106	01/18/18 B	134,247	1.000	0	134,247-	134,247	
22831106	01/18/18 B	1,927	1.000	0	1,927-	1,927	
22831106	01/18/18 B	1,596	1.000	0	1,596-	1,596	
22831106	01/19/18 B	155,312	1.000	0	155,312-	155,312	
22831106	01/22/18 B	14,470	1.000	0	14,470-	14,470	
22831106	01/24/18 B	844	1.000	0	844-	844	
22831106	01/25/18 B	3,058	1.000	0	3,058-	3,058	
22831106	01/29/18 B	3,515	1.000	0	3,515-	3,515	
22831106	02/01/18 B	444,307	1.000	0	444,307-	444,307	
22831106	02/06/18 B	63,625	1.000	0	63,625-	63,625	
22831106	02/07/18 B	1,499	1.000	0	1,499-	1,499	
22831106	02/08/18 B	1,094	1.000	0	1,094-	1,094	
22831106	02/09/18 B	11,893	1.000	0	11,893-	11,893	
22831106	02/12/18 B	13,900	1.000	0	13,900-	13,900	
22831106	02/12/18 B	2,521	1.000	0	2,521-	2,521	
22831106	02/13/18 B	9,294	1.000	0	9,294-	9,294	
22831106	02/15/18 B	71,159	1.000	0	71,159-	71,159	
22831106	02/16/18 B	12,168	1.000	0	12,168-	12,168	
22831106	02/16/18 B	1,098	1.000	0	1,098-	1,098	
22831106	02/16/18 B	2,262	1.000	0	2,262-	2,262	
22831106	02/20/18 B	34,158	1.000	0	34,158-	34,158	
22831106	02/22/18 B	89,139	1.000	0	89,139-	89,139	
22831106	02/26/18 B	1,283	1.000	0	1,283-	1,283	
22831106	03/02/18 B	158,436	1.000	0	158,436-	158,436	
22831106	03/07/18 B	1,499	1.000	0	1,499-	1,499	
22831106	03/08/18 B	14,788	1.000	0	14,788-	14,788	
22831106	03/08/18 B	1,094	1.000	0	1,094-	1,094	
22831106	03/09/18 B	161,276	1.000	0	161,276-	161,276	
22831106	03/09/18 B	5,891	1.000	0	5,891-	5,891	
22831106	03/12/18 B	337,254	1.000	0	337,254-	337,254	
22831106	03/13/18 B	40,233	1.000	0	40,233-	40,233	
22831106	03/15/18 B	51,589	1.000	0	51,589-	51,589	
22831106	03/16/18 B	3,646	1.000	0	3,646-	3,646	
22831106	03/16/18 B	838	1.000	0	838-	838	
22831106	03/19/18 B	68,049	1.000	0	68,049-	68,049	
22831106	03/20/18 B	16,622	1.000	0	16,622-	16,622	
22831106	03/21/18 B	776	1.000	0	776-	776	
22831106	03/23/18 B	7,394	1.000	0	7,394-	7,394	
22831106	03/26/18 B	13,770	1.000	0	13,770-	13,770	

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ALLISON HOURLY CONSOLIDATED
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TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	03/29/18 B	752	1.000	0	752-	752	
22831106	04/02/18 B	36,006	1.000	0	36,006-	36,006	
22831106	04/05/18 B	316,122	1.000	0	316,122-	316,122	
22831106	04/06/18 B	1,549	1.000	0	1,549-	1,549	
22831106	04/06/18 B	1,131	1.000	0	1,131-	1,131	
22831106	04/09/18 B	5,950	1.000	0	5,950-	5,950	
22831106	04/12/18 B	23,762	1.000	0	23,762-	23,762	
22831106	04/13/18 B	284,625	1.000	0	284,625-	284,625	
22831106	04/13/18 B	1,446	1.000	0	1,446-	1,446	
22831106	04/16/18 B	48,799	1.000	0	48,799-	48,799	
22831106	04/17/18 B	10,602	1.000	0	10,602-	10,602	
22831106	04/17/18 B	1,142	1.000	0	1,142-	1,142	
22831106	04/17/18 B	3,005	1.000	0	3,005-	3,005	
22831106	04/18/18 B	5,357	1.000	0	5,357-	5,357	
22831106	04/20/18 B	8,740	1.000	0	8,740-	8,740	
22831106	04/24/18 B	473,853	1.000	0	473,853-	473,853	
22831106	04/25/18 B	12,859	1.000	0	12,859-	12,859	
22831106	04/26/18 B	433	1.000	0	433-	433	
22831106	04/27/18 B	3,544	1.000	0	3,544-	3,544	
22831106	04/30/18 B	3,825	1.000	0	3,825-	3,825	
22831106	05/01/18 B	42,764	1.000	0	42,764-	42,764	
22831106	05/02/18 B	315,278	1.000	0	315,278-	315,278	
22831106	05/03/18 B	22,302	1.000	0	22,302-	22,302	
22831106	05/04/18 B	4,778	1.000	0	4,778-	4,778	
22831106	05/08/18 B	1,094	1.000	0	1,094-	1,094	
22831106	05/10/18 B	9,750	1.000	0	9,750-	9,750	
22831106	05/14/18 B	11,508	1.000	0	11,508-	11,508	
22831106	05/15/18 B	48,483	1.000	0	48,483-	48,483	
22831106	05/15/18 B	8,550,000	1.000	0	8,550,000-*	8,550,000	
22831106	05/16/18 B	18,293	1.000	0	18,293-	18,293	
22831106	05/17/18 B	4,109	1.000	0	4,109-	4,109	
22831106	05/17/18 B	758	1.000	0	758-	758	
22831106	05/18/18 B	4,381	1.000	0	4,381-	4,381	
22831106	05/21/18 B	14,997	1.000	0	14,997-	14,997	
22831106	05/25/18 B	316,257	1.000	0	316,257-	316,257	
22831106	05/30/18 B	9,850	1.000	0	9,850-	9,850	
22831106	06/01/18 B	34,177	1.000	0	34,177-	34,177	
22831106	06/05/18 B	4,922	1.000	0	4,922-	4,922	
22831106	06/07/18 B	383,441	1.000	0	383,441-	383,441	
22831106	06/11/18 B	44,395	1.000	0	44,395-	44,395	
22831106	06/13/18 B	1,446	1.000	0	1,446-	1,446	
22831106	06/14/18 B	3,623	1.000	0	3,623-	3,623	
22831106	06/15/18 B	513,831	1.000	0	513,831-	513,831	
22831106	06/15/18 B	4,225	1.000	0	4,225-	4,225	
22831106	06/18/18 B	5,806	1.000	0	5,806-	5,806	
22831106	06/18/18 B	1,055	1.000	0	1,055-	1,055	

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ALLISON HOURLY CONSOLIDATED
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TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	06/19/18 B	225,335	1.000	0	225,335-	225,335	
22831106	06/20/18 B	41,570	1.000	0	41,570-	41,570	
22831106	06/20/18 B	31,563	1.000	0	31,563-	31,563	
22831106	06/21/18 B	102	1.000	0	102-	102	
22831106	06/25/18 B	297,488	1.000	0	297,488-	297,488	
22831106	07/02/18 B	912	1.000	0	912-	912	
22831106	07/09/18 B	2,593	1.000	0	2,593-	2,593	
22831106	07/10/18 B	5,925	1.000	0	5,925-	5,925	
22831106	07/16/18 B	68,870	1.000	0	68,870-	68,870	
22831106	07/17/18 B	9,826	1.000	0	9,826-	9,826	
22831106	07/17/18 B	1,369	1.000	0	1,369-	1,369	
22831106	07/17/18 B	2,041	1.000	0	2,041-	2,041	
22831106	07/18/18 B	3,749	1.000	0	3,749-	3,749	
22831106	07/18/18 B	1,055	1.000	0	1,055-	1,055	
22831106	07/19/18 B	23,199	1.000	0	23,199-	23,199	
22831106	07/20/18 B	7,638	1.000	0	7,638-	7,638	
22831106	07/23/18 B	5,375	1.000	0	5,375-	5,375	
22831106	07/24/18 B	29,424	1.000	0	29,424-	29,424	
22831106	07/25/18 B	14,859	1.000	0	14,859-	14,859	
22831106	07/26/18 B	1,273	1.000	0	1,273-	1,273	
22831106	07/27/18 B	26,332	1.000	0	26,332-	26,332	
22831106	07/30/18 B	3,515	1.000	0	3,515-	3,515	
22831106	08/01/18 B	34,886	1.000	0	34,886-	34,886	
22831106	08/06/18 B	13,706	1.000	0	13,706-	13,706	
22831106	08/07/18 B	11,627	1.000	0	11,627-	11,627	
22831106	08/08/18 B	13,955	1.000	0	13,955-	13,955	
22831106	08/08/18 B	1,131	1.000	0	1,131-	1,131	
22831106	08/09/18 B	11,893	1.000	0	11,893-	11,893	
22831106	08/10/18 B	7,150	1.000	0	7,150-	7,150	
22831106	08/13/18 B	9,294	1.000	0	9,294-	9,294	
22831106	08/15/18 B	483,660	1.000	0	483,660-	483,660	
22831106	08/16/18 B	13,754	1.000	0	13,754-	13,754	
22831106	08/17/18 B	6,703	1.000	0	6,703-	6,703	
22831106	08/20/18 B	14,093	1.000	0	14,093-	14,093	
22831106	08/20/18 B	1,206	1.000	0	1,206-	1,206	
22831106	08/21/18 B	1,055	1.000	0	1,055-	1,055	
22831106	08/22/18 B	7,653	1.000	0	7,653-	7,653	
22831106	08/27/18 B	2,718	1.000	0	2,718-	2,718	
22831106	08/28/18 B	1,316	1.000	0	1,316-	1,316	
22831106	09/04/18 B	30,410	1.000	0	30,410-	30,410	
22831106	09/10/18 B	24,712	1.000	0	24,712-	24,712	
22831106	09/10/18 B	1,549	1.000	0	1,549-	1,549	
22831106	09/11/18 B	26,366	1.000	0	26,366-	26,366	
22831106	09/12/18 B	8,813	1.000	0	8,813-	8,813	
22831106	09/13/18 B	1,446	1.000	0	1,446-	1,446	
22831106	09/17/18 B	63,093	1.000	0	63,093-	63,093	

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ALLISON HOURLY CONSOLIDATED
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TRANSACTION ACCOUNT	DATE BOUGHT/SOLD	SHARES/ PAR VALUE	UNIT PRICE	EXPENSE INCURRED	PRINCIPAL CASH	TRANSACTION COST	REALIZED GAIN/LOSS
22831106	09/17/18 B	4,583	1.000	0	4,583-	4,583	
22831106	09/18/18 B	14,317	1.000	0	14,317-	14,317	
22831106	09/20/18 B	16,811	1.000	0	16,811-	16,811	
22831106	09/21/18 B	31,563	1.000	0	31,563-	31,563	
22831106	09/24/18 B	15,681	1.000	0	15,681-	15,681	
22831106	09/25/18 B	8,234	1.000	0	8,234-	8,234	
22831106	09/27/18 B	226,270	1.000	0	226,270-	226,270	
22831106	09/28/18 B	66,554	1.000	0	66,554-	66,554	
SUB-TOTAL OF BUYS # 229				0	29,281,002	29,281,002	
22831100	10/02/17 S	137,634	1.000	0	137,634	137,634	0
22831100	10/06/17 S	8	1.000	0	8	8	0
22831100	10/12/17 S	40,754	1.000	0	40,754	40,754	0
22831100	10/18/17 S	1,765	1.000	0	1,765	1,765	0
22831100	10/20/17 S	12,646	1.000	0	12,646	12,646	0
22831100	10/23/17 S	1,845	1.000	0	1,845	1,845	0
22831100	10/23/17 S	8,765	1.000	0	8,765	8,765	0
22831100	11/01/17 S	139,158	1.000	0	139,158	139,158	0
22831100	11/14/17 S	1,140	1.000	0	1,140	1,140	0
22831100	11/22/17 S	1,083	1.000	0	1,083	1,083	0
22831100	12/01/17 S	140,018	1.000	0	140,018	140,018	0
22831100	12/01/17 S	8,789	1.000	0	8,789	8,789	0
22831100	12/04/17 S	1,083	1.000	0	1,083	1,083	0
22831100	12/20/17 S	1,609	1.000	0	1,609	1,609	0
22831100	12/26/17 S	3,410,000	1.000	0	3,410,000	3,410,000	0
22831100	01/02/18 S	140,654	1.000	0	140,654	140,654	0
22831100	01/03/18 S	9	1.000	0	9	9	0
22831100	01/12/18 S	2,650	1.000	0	2,650	2,650	0
22831100	01/22/18 S	62,388	1.000	0	62,388	62,388	0
22831100	01/23/18 S	8,955	1.000	0	8,955	8,955	0
22831100	01/24/18 S	1,007	1.000	0	1,007	1,007	0
22831100	01/26/18 S	42,046	1.000	0	42,046	42,046	0
22831100	02/01/18 S	148,926	1.000	0	148,926	148,926	0
22831100	02/08/18 S	1,073	1.000	0	1,073	1,073	0
22831100	02/13/18 S	123	1.000	0	123	123	0
22831100	03/01/18 S	148,752	1.000	0	148,752	148,752	0
22831100	03/02/18 S	1,676	1.000	0	1,676	1,676	0
22831100	03/06/18 S	1,094	1.000	0	1,094	1,094	0
22831100	03/14/18 S	1,705	1.000	0	1,705	1,705	0
22831100	03/22/18 S	1,140	1.000	0	1,140	1,140	0
22831100	03/23/18 S	1,152	1.000	0	1,152	1,152	0
22831100	03/26/18 S	8,205	1.000	0	8,205	8,205	0
22831100	04/02/18 S	148,062	1.000	0	148,062	148,062	0
22831100	04/04/18 S	383	1.000	0	383	383	0
22831100	04/11/18 S	9	1.000	0	9	9	0

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22831100	04/19/18 S	568	1.000	0	568	568	0
22831100	04/20/18 S	17,794	1.000	0	17,794	17,794	0
22831100	04/24/18 S	886	1.000	0	886	886	0
22831100	05/01/18 S	150,878	1.000	0	150,878	150,878	0
22831100	05/11/18 S	41,029	1.000	0	41,029	41,029	0
22831100	05/15/18 S	2,403	1.000	0	2,403	2,403	0
22831100	05/21/18 S	4,117	1.000	0	4,117	4,117	0
22831100	05/24/18 S	7,305	1.000	0	7,305	7,305	0
22831100	06/01/18 S	157,636	1.000	0	157,636	157,636	0
22831100	06/21/18 S	8,819	1.000	0	8,819	8,819	0
22831100	06/22/18 S	2,399	1.000	0	2,399	2,399	0
22831100	07/02/18 S	167,116	1.000	0	167,116	167,116	0
22831100	07/10/18 S	1,148	1.000	0	1,148	1,148	0
22831100	07/10/18 S	9	1.000	0	9	9	0
22831100	07/11/18 S	80,705	1.000	0	80,705	80,705	0
22831100	07/12/18 S	12,092	1.000	0	12,092	12,092	0
22831100	07/13/18 S	8,500	1.000	0	8,500	8,500	0
22831100	07/20/18 S	14,828	1.000	0	14,828	14,828	0
22831100	07/25/18 S	9,902	1.000	0	9,902	9,902	0
22831100	08/01/18 S	173,876	1.000	0	173,876	173,876	0
22831100	08/07/18 S	327	1.000	0	327	327	0
22831100	08/09/18 S	135	1.000	0	135	135	0
22831100	08/20/18 S	280	1.000	0	280	280	0
22831100	08/24/18 S	6,809	1.000	0	6,809	6,809	0
22831100	09/04/18 S	181,001	1.000	0	181,001	181,001	0
22831100	09/06/18 S	1,163	1.000	0	1,163	1,163	0
22831100	09/06/18 S	44,770	1.000	0	44,770	44,770	0
22831100	09/21/18 S	10,129	1.000	0	10,129	10,129	0
22831100	09/24/18 S	7,302	1.000	0	7,302	7,302	0
22831104	12/27/17 S	60,000	1.000	0	60,000	60,000	0
22831104	05/16/18 S	780,000	1.000	0	780,000	780,000	0
22831106	10/02/17 S	1,588,093	1.000	0	1,588,093	1,588,093	0
22831106	10/06/17 S	335,791	1.000	0	335,791	335,791	0
22831106	10/24/17 S	259,082	1.000	0	259,082	259,082	0
22831106	11/03/17 S	452,138	1.000	0	452,138	452,138	0
22831106	11/09/17 S	232,921	1.000	0	232,921	232,921	0
22831106	11/17/17 S	112,936	1.000	0	112,936	112,936	0
22831106	11/20/17 S	45,817	1.000	0	45,817	45,817	0
22831106	11/24/17 S	79,993	1.000	0	79,993	79,993	0
22831106	12/13/17 S	254,728	1.000	0	254,728	254,728	0
22831106	12/18/17 S	243,465	1.000	0	243,465	243,465	0
22831106	12/21/17 S	260,153	1.000	0	260,153	260,153	0
22831106	12/26/17 S	569,970	1.000	0	569,970	569,970	0
22831106	12/28/17 S	1,971,922	1.000	0	1,971,922	1,971,922	0
22831106	12/28/17 S	1,495,855	1.000	0	1,495,855	1,495,855	0
22831106	01/08/18 S	175,214	1.000	0	175,214	175,214	0

REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018

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	01/09/18 S	400,518	1.000	0	400,518	400,518	0
22831106	01/10/18 S	30	1.000	0	30	30	0
22831106	01/19/18 S	160,281	1.000	0	160,281	160,281	0
22831106	01/23/18 S	430,778	1.000	0	430,778	430,778	0
22831106	01/25/18 S	370,157	1.000	0	370,157	370,157	0
22831106	02/21/18 S	532,720	1.000	0	532,720	532,720	0
22831106	02/23/18 S	208,366	1.000	0	208,366	208,366	0
22831106	02/27/18 S	468,282	1.000	0	468,282	468,282	0
22831106	03/09/18 S	168,808	1.000	0	168,808	168,808	0
22831106	03/22/18 S	8,194	1.000	0	8,194	8,194	0
22831106	03/29/18 S	309,902	1.000	0	309,902	309,902	0
22831106	04/10/18 S	357,381	1.000	0	357,381	357,381	0
22831106	04/12/18 S	278,803	1.000	0	278,803	278,803	0
22831106	04/16/18 S	276,941	1.000	0	276,941	276,941	0
22831106	04/19/18 S	153,873	1.000	0	153,873	153,873	0
22831106	05/07/18 S	331,031	1.000	0	331,031	331,031	0
22831106	05/17/18 S	8,535,000	1.000	0	8,535,000 *	8,535,000	0
22831106	05/22/18 S	88,960	1.000	0	88,960	88,960	0
22831106	05/23/18 S	36,467	1.000	0	36,467	36,467	0
22831106	05/29/18 S	28,032	1.000	0	28,032	28,032	0
22831106	05/31/18 S	390,649	1.000	0	390,649	390,649	0
22831106	06/08/18 S	696,666	1.000	0	696,666	696,666	0
22831106	06/11/18 S	39,458	1.000	0	39,458	39,458	0
22831106	06/19/18 S	92,035	1.000	0	92,035	92,035	0
22831106	06/20/18 S	135,792	1.000	0	135,792	135,792	0
22831106	06/22/18 S	72,724	1.000	0	72,724	72,724	0
22831106	06/22/18 S	363	1.000	0	363	363	0
22831106	06/28/18 S	171,420	1.000	0	171,420	171,420	0
22831106	06/29/18 S	367,528	1.000	0	367,528	367,528	0
22831106	07/05/18 S	132,297	1.000	0	132,297	132,297	0
22831106	07/12/18 S	97,295	1.000	0	97,295	97,295	0
22831106	07/13/18 S	54,501	1.000	0	54,501	54,501	0
22831106	07/18/18 S	1,369	1.000	0	1,369	1,369	0
22831106	09/13/18 S	382,321	1.000	0	382,321	382,321	0
22831106	09/14/18 S	554,569	1.000	0	554,569	554,569	0
SUB-TOTAL OF SALES # 116				0	30,991,821	30,991,821	0
SUB-TOTAL				0	60,272,823	60,272,823	0
ISSUE: 912810RY6 - US TREASURY BOND 2.75% 8/15/47							
22831106	12/26/17 B	1,500,000	0.987	0	1,480,723-	1,480,723	
22831106	01/04/18 B	175,000	0.990	0	173,305-	173,305	
22831106	01/11/18 B	215,000	0.977	0	210,095-	210,095	

**REPORTABLE TRANSACTIONS - SERIES / BY ISSUE
 FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018**

**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	01/12/18 B	425,000	0.977	0	415,039-	415,039	
22831106	02/02/18 B	290,000	0.938	0	271,920-	271,920	
SUB-TOTAL OF BUYS # 5				0	2,551,082	2,551,082	
22831106	03/20/18 S	345,000	0.929	0	320,607	337,859	-17,252
22831106	05/21/18 S	260,000	0.913	0	237,280	254,619	-17,338
22831106	05/21/18 S	2,000,000	0.913	0	1,825,391	1,958,604	-133,214
SUB-TOTAL OF SALES # 3				0	2,383,278	2,551,082	-167,804
SUB-TOTAL				0	4,934,360	5,102,164	-167,804
ISSUE: 912810SA7 - US TREASURY BOND 3% 2/15/48							
22831106	05/15/18 B	3,300,000	0.963	0	3,177,539-	3,177,539	
22831106	05/29/18 B	45,000	1.007	0	45,302-	45,302	
22831106	06/07/18 B	40,000	0.977	0	39,073-	39,073	
22831106	06/15/18 B	30,000	0.991	0	29,738-	29,738	
22831106	07/25/18 B	155,000	0.982	0	152,191-	152,191	
22831106	08/06/18 B	20,000	0.982	0	19,638-	19,638	
SUB-TOTAL OF BUYS # 6				0	3,463,481	3,463,481	
22831106	05/21/18 S	130,000	0.960	0	124,805	125,176	-371
22831106	05/23/18 S	400,000	0.967	0	386,813	385,156	1,656
22831106	06/06/18 S	400,000	0.976	0	390,203	385,437	4,767
22831106	06/26/18 S	105,000	0.994	0	104,352	101,235	3,117
22831106	06/26/18 S	330,000	0.995	0	328,298	318,166	10,133
22831106	07/10/18 S	295,000	1.007	0	296,936	284,421	12,515
SUB-TOTAL OF SALES # 6				0	1,631,407	1,599,591	31,817
SUB-TOTAL				0	5,094,888	5,063,072	31,817
ISSUE: 9128284L1 - US TREASURY NOTE 2.75% 4/30/23							
22831106	05/15/18 B	2,200,000	0.992	0	2,183,242-	2,183,242	
22831106	05/21/18 B	220,000	0.993	0	218,505-	218,505	
SUB-TOTAL OF BUYS # 2				0	2,401,747	2,401,747	
22831106	05/18/18 S	400,000	0.993	0	397,375	396,953	422
22831106	06/05/18 S	200,000	0.999	0	199,820	198,494	1,326

REPORTABLE TRANSACTIONS - SERIES / BY ISSUE FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018					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	06/06/18 S	400,000	0.998	0	399,047	396,989	2,058
22831106	07/02/18 S	100,000	1.000	0	99,984	99,247	737
22831106	07/11/18 S	500,000	1.000	0	499,863	496,236	3,627
22831106	07/12/18 S	435,000	1.000	0	435,034	431,725	3,309
SUB-TOTAL OF SALES # 6				0	2,031,123	2,019,644	11,479
SUB-TOTAL				0	4,432,870	4,421,391	11,479
GRAND TOTAL				0	74,734,941	74,859,450	-124,507

F O O T N O T E S

* = 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 (2017 Form 5500)
 Schedule H, Line 4j - Schedule of Reportable Transactions

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**REPORTABLE TRANSACTIONS - SINGLE / BY BROKER
FOR THE PERIOD OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018**

**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		83,785,855.15				
	COMPARATIVE VALUE (5%)		4,189,292.76				

*** 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) 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 2017 This Form is Open to Public Inspection
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For calendar plan year 2017 or fiscal plan year beginning 10/01/2017 and ending 09/30/2018

► 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>2017</u>			
2 Assets:			
a Market value.....	2a	97,755,937	
b Actuarial value	2b	97,755,937	
3 Funding target/participant count breakdown	(1) Number of participants	(2) Vested Funding Target	(3) Total Funding Target
a For retired participants and beneficiaries receiving payment	304	17,090,890	17,090,890
b For terminated vested participants	121	2,168,683	2,168,683
c For active participants	750	43,498,694	45,042,447
d Total	1,175	62,758,267	64,302,020
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	5.94%	
6 Target normal cost	6	3,232,141	

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	David L. Jakes, Jr. Signature of actuary	6/26/2019 Date
	DAVID L. JAKES, FSA, EA, MAAA Type or print name of actuary	1705110 Most recent enrollment number
	MERCER Firm name	614-227-5555 Telephone number (including area code)
	325 JOHN H MCCONNELL BLVD SUITE 350 COLUMBUS OH 43215 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) 2017

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

21 Discount rate:				
a Segment rates:	1st segment: 4.16 %	2nd segment: 5.72 %	3rd segment: 6.48 %	☐ 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	3,232,141	
b Excess assets, if applicable, but not greater than line 31a	31b	3,232,141	
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	Total balance
35 Balances elected for use to offset funding requirement			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	0	
38 Present value of excess contributions for current year (see instructions)			
a Total (excess, if any, of line 37 over line 36)	38a	0	
b Portion included in line 38a attributable to use of prefunding and funding standard carryover balances	38b		
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)	(B)	(C)	(D)	(E)
Retirement age	Retirement Percent	Lx	Number of employees expected to retire = (B) x (C)	= (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 10/1/2017 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: 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 amendment	Funding: Amendment Number One (executed July 28, 2014) Accounting: ATI-UAW Collective Bargaining Agreement (effective December 18, 2017)						
DEFINITIONS							
• Covered employees	Tier I hourly-rate employees covered by the collective bargaining agreement who have attained seniority. Hourly-rate employees hired after February 1, 2008 (Tier II) are not covered by this plan.						
• 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

Schedule SB, Part V — Summary of Plan Provisions

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	Normal Retirement Benefit reduced for retirement before age 62. 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 (November 15, 1961 for accounting), 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).						
Interim Supplement	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).						

Schedule SB, Part V — Summary of Plan Provisions

<ul style="list-style-type: none"> Early retirement factors 	Retirees with 30 years or more of service or 85 points have their benefits redetermined after age 62 and one month without any reduction.	
	Age	Percentage
	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 completed 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 PAYMENTS		
• 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 (and December 2017, 2018, 2019, 2020, 2021, and 2022 for accounting).	
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	
	Age	Percentage
	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%
	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

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.												
Temporary benefit	<table><tr><td>8/7/2007 through 9/1/2007</td><td>10/1/2007 through 9/1/2008</td><td>10/1/2008 through 9/1/2009</td><td>10/1/2009 through 9/1/2010</td><td>10/1/2010 through 9/1/2011</td><td>10/1/2011 and after</td></tr><tr><td>\$49.80</td><td>\$50.80</td><td>\$51.00</td><td>\$51.20</td><td>\$51.40</td><td>\$53.45</td></tr></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	\$49.80	\$50.80	\$51.00	\$51.20	\$51.40	\$53.45
	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							
\$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 2017, the limit is \$215,000.
<ul style="list-style-type: none"> Actuarial equivalence 	Based on IRC Section 417(e)(3) interest rates and mortality.

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:** The 2018– 2023 ATI– UAW Collective Bargaining Agreement (ratified December 18, 2017) had been excluded for funding but included for accounting (ASC 715, ASC 960, and CAS) and included the following changes:
 - Extended the \$700 December Lump sums to 2017 through 2022
 - Early retirement supplements for participants born November 15, 1955 up to November 15, 1961 will be payable to the participants “80% Date” (the month in which a participant can elect to receive an 80% Social Security Benefit).
- **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). Because of this plan’s status as a collectively bargained plan, the plan cannot be top-heavy.

Schedule SB, Part V — Summary of Plan Provisions

Additional Benefits Included or Excluded

- **IRC Section 436 benefit restrictions:**
 - *Unpredictable contingent event benefits:* Not applicable.
 - *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 2016 to 2017.

ASSET DETAIL REVALUED COST
 AS OF SEPTEMBER 30, 2018

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 11/15/16 0.000 11/15/2046 CUSIP 912834QV3					
700,000.000	ALLISON TRANS-RYAN LABS	40.2330	281,631.00	40.4240	282,968.00	1,337.00
700,000.000	TOTAL US TREASURY BOND	11/15/46	281,631.00		282,968.00	1,337.00
	US TREASURY BOND DTD 02/15/18 3.000 02/15/2048 CUSIP 912810SA7					
1,930,000.000	ALLISON TRANS-RYAN LABS	96.5747	1,863,890.95	96.2380	1,857,393.40	6,497.55-
1,930,000.000	TOTAL US TREASURY BOND	3.000% 2/15/48	1,863,890.95		1,857,393.40	6,497.55-
	US TREASURY BOND DTD 05/15/18 3.125 05/15/2048 CUSIP 912810SC3					
125,000.000	ALLISON TRANS-RYAN LABS	101.6719	127,089.84	98.6680	123,335.00	3,754.84-
125,000.000	TOTAL US TREASURY BOND	3.125% 5/15/48	127,089.84		123,335.00	3,754.84-
	US TREASURY NOTE DTD 02/15/18 2.750 02/15/2028 CUSIP 9128283W8					
110,000.000	ALLISON TRANS-RYAN LABS	98.1055	107,916.02	97.4960	107,245.60	670.42-
110,000.000	TOTAL US TREASURY NOTE	2.750% 2/15/28	107,916.02		107,245.60	670.42-
	US TREASURY NOTE DTD 04/30/18 2.750 04/30/2023 CUSIP 9128284L1					
385,000.000	ALLISON TRANS-RYAN LABS	99.2472	382,101.78	99.1760	381,827.60	274.18-
385,000.000	TOTAL US TREASURY NOTE	2.750% 4/30/23	382,101.78		381,827.60	274.18-
	US TREASURY NOTE DTD 05/15/18 2.875 05/15/2028 CUSIP 9128284N7					
2,620,000.000	ALLISON TRANS-RYAN LABS	98.3939	2,577,920.60	98.4920	2,580,490.40	2,569.80
2,620,000.000	TOTAL US TREASURY NOTE	2.875% 5/15/28	2,577,920.60		2,580,490.40	2,569.80

ASSET DETAIL REVALUED COST
AS OF SEPTEMBER 30, 2018ALLISON HOURLY CONSOLIDATED
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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	
	US TREASURY NOTE DTD 08/15/18 2.875 08/15/2028 CUSIP 9128284V9					
<u>125,000.000</u>	ALLISON TRANS-RYAN LABS	98.5000	<u>123,125.00</u>	98.4610	<u>123,076.25</u>	<u>48.75-</u>
<u>125,000.000</u>	TOTAL US TREASURY NOTE 2.875% 8/15/28		<u>123,125.00</u>		<u>123,076.25</u>	<u>48.75-</u>
	TOTAL US TREASURY NOTES AND BONDS		5,463,675.19		5,456,336.25	7,338.94-
	GOVT STRIPPED AND ZERO-COUPON					
	US TREASURY BOND/NOTE STRIPPED ZERO DTD 11/16/09 11/15/2039 CUSIP 912834EV6					
<u>3,735,000.000</u>	ALLISON TRANS-RYAN LABS	52.1020	<u>1,946,010.00</u>	50.6170	<u>1,890,544.95</u>	<u>55,465.05-</u>
<u>3,230,000.000</u>	ALLISON TRANS-RYAN LABS	48.7592	<u>1,574,923.50</u>	47.3420	<u>1,529,146.60</u>	<u>45,776.90-</u>
<u>6,965,000.000</u>	TOTAL US TREAS SEC STRIPPED		<u>3,520,933.50</u>		<u>3,419,691.55</u>	<u>101,241.95-</u>
	US TREASURY BOND STRIPPED ZERO CPN DTD 05/15/14 05/15/2044 CUSIP 912834NP9					
<u>2,000,000.000</u>	ALLISON TRANS-RYAN LABS	45.3990	<u>907,980.00</u>	43.6850	<u>873,700.00</u>	<u>34,280.00-</u>
<u>2,000,000.000</u>	TOTAL US TREAS SEC STRIPPED 5/15/44		<u>907,980.00</u>		<u>873,700.00</u>	<u>34,280.00-</u>
	US TREAS SEC STRIPPED ZERO CPN DTD 05/16/16 05/15/2046 CUSIP 912834QH4					
<u>1,620,000.000</u>	ALLISON TRANS-RYAN LABS	43.1020	<u>698,252.40</u>	41.0160	<u>664,459.20</u>	<u>33,793.20-</u>
<u>1,620,000.000</u>	TOTAL US TREAS SEC STRIPPED 5/15/46		<u>698,252.40</u>		<u>664,459.20</u>	<u>33,793.20-</u>
	US TREAS SEC STRIPPED DTD 08/15/17 08/15/2047 CUSIP 912834RR1					
<u>3,800,000.000</u>	ALLISON TRANS-RYAN LABS	39.3070	<u>1,493,666.00</u>	39.3800	<u>1,496,440.00</u>	<u>2,774.00</u>
<u>3,800,000.000</u>	TOTAL US TREAS SEC STRIPPED 8/15/47		<u>1,493,666.00</u>		<u>1,496,440.00</u>	<u>2,774.00</u>

**ASSET DETAIL REVALUED COST
 AS OF SEPTEMBER 30, 2018**
**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 TREAS SEC STRIPPED DTD 08/15/08 11/15/2037 CUSIP 912834AD0					
2,600,000.000	ALLISON TRANS-RYAN LABS	56.7240	1,474,824.00	54.0190	1,404,494.00	70,330.00-
2,600,000.000	TOTAL US TREAS SEC STRIPPED	11/15/37	1,474,824.00		1,404,494.00	70,330.00-
	US TREASURY BOND STRIPPED ZERO CPN DTD 11/15/13 11/15/2043 CUSIP 912834MZ8					
1,900,000.000	ALLISON TRANS-RYAN LABS	46.0900	875,710.00	44.3430	842,517.00	33,193.00-
1,900,000.000	TOTAL US TREAS SEC STRIPPED	11/15/43	875,710.00		842,517.00	33,193.00-
	US TREASURY BOND STRIPPED ZERO CPN DTD 11/17/14 11/15/2044 CUSIP 912834PB8					
3,250,000.000	ALLISON TRANS-RYAN LABS	44.7840	1,455,480.00	43.0440	1,398,930.00	56,550.00-
3,250,000.000	TOTAL US TREAS SEC STRIPPED	11/15/44	1,455,480.00		1,398,930.00	56,550.00-
	US TREASURY BOND STRIPPED ZERO CPN DTD 11/16/15 11/15/2045 CUSIP 912834PT9					
2,510,000.000	ALLISON TRANS-RYAN LABS	43.0722	1,081,112.60	41.7170	1,047,096.70	34,015.90-
2,510,000.000	TOTAL US TREAS SEC STRIPPED	11/15/2045	1,081,112.60		1,047,096.70	34,015.90-
	US TREASURY BOND ZERO CPN DTD 05/15/09 0.000 11/15/2038 CUSIP 912834DU9					
2,925,000.000	ALLISON TRANS-RYAN LABS	54.8330	1,603,865.25	52.3060	1,529,950.50	73,914.75-
2,925,000.000	TOTAL US TREASURY BOND	11/15/38	1,603,865.25		1,529,950.50	73,914.75-
	US TREASURY BOND ZERO CPN DTD 11/15/10 11/15/2040 CUSIP 912834JH2					
3,450,000.000	ALLISON TRANS-RYAN LABS	50.3906	1,738,477.00	48.9330	1,688,188.50	50,288.50-
3,450,000.000	TOTAL US TREASURY BOND	11/15/40	1,738,477.00		1,688,188.50	50,288.50-

**ASSET DETAIL REVALUED COST
AS OF SEPTEMBER 30, 2018**

**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 ZERO CPN DTD 11/15/12 0.000 11/15/2042 CUSIP 912834LX4					
3,165,000.000	ALLISON TRANS-RYAN LABS	47.0482	1,489,075.65	45.8080	1,449,823.20	39,252.45-
3,165,000.000	TOTAL US TREASURY BOND	11/15/42	1,489,075.65		1,449,823.20	39,252.45-
	TOTAL GOVT STRIPPED AND ZERO-COUPON		16,339,376.40		15,815,290.65	524,085.75-
	CORPORATE BONDS					
	ABBVIE INC DTD 05/14/15 3.200 11/06/2022 CUSIP 00287YAP4					
245,000.000	ALLISON TRANS-RYAN LABS	101.6810	249,118.45	98.2890	240,808.05	8,310.40-
245,000.000	TOTAL ABBVIE INC	3.200% 11/06/22	249,118.45		240,808.05	8,310.40-
	ACE INA HOLDINGS DTD 11/03/15 4.350 11/03/2045 CUSIP 00440EAW7					
330,000.000	ALLISON TRANS-RYAN LABS	109.9688	362,897.20	102.1240	337,009.20	25,888.00-
330,000.000	TOTAL ACE INA HOLDINGS	4.350% 11/03/45	362,897.20		337,009.20	25,888.00-
	ALIBABA GROUP HOLDING DTD 05/28/15 2.500 11/28/2019 CUSIP 01609WAC6					
320,000.000	ALLISON TRANS-RYAN LABS	100.8180	322,617.60	99.4800	318,336.00	4,281.60-
320,000.000	TOTAL ALIBABA GROUP HOLDIN	2.500% 11/28/19	322,617.60		318,336.00	4,281.60-
	ALIBABA GROUP HOLDING DTD 05/28/15 3.600 11/28/2024 CUSIP 01609WAQ5					
410,000.000	ALLISON TRANS-RYAN LABS	102.4600	420,086.00	98.3270	403,140.70	16,945.30-
410,000.000	TOTAL ALIBABA GROUP HOLDIN	3.600% 11/28/24	420,086.00		403,140.70	16,945.30-

ASSET DETAIL REVALUED COST
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ALLISON HOURLY CONSOLIDATED
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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	
	ALLSTATE CORP DTD 12/08/16 4.200 12/15/2046 CUSIP 020002BC4					
510,000.000	ALLISON TRANS-RYAN LABS	106.8493	544,931.60	97.1460	495,444.60	49,487.00-
510,000.000	TOTAL ALLSTATE CORP 4.200% 12/15/46		544,931.60		495,444.60	49,487.00-
	AMAZON.COM INC DTD 02/22/18 3.875 08/22/2037 CUSIP 023135BF2					
395,000.000	ALLISON TRANS-RYAN LABS	98.3960	388,664.20	97.9050	386,724.75	1,939.45-
395,000.000	TOTAL AMAZON.COM INC 3.875% 8/22/37		388,664.20		386,724.75	1,939.45-
	AMEREN ILLINOIS CO DTD 11/28/17 3.700 12/01/2047 CUSIP 02361DAR1					
355,000.000	ALLISON TRANS-RYAN LABS	100.6940	357,463.70	92.9020	329,802.10	27,661.60-
355,000.000	TOTAL AMEREN ILLINOIS CO 3.700% 12/01/47		357,463.70		329,802.10	27,661.60-
	AMERICA MOVIL SAB DE CV DTD 07/16/12 3.125 07/16/2022 CUSIP 02364WBD6					
505,000.000	ALLISON TRANS-RYAN LABS	102.4890	517,569.45	97.9190	494,490.95	23,078.50-
505,000.000	TOTAL AMERICA MOVIL SAB DE 3.125% 7/16/22		517,569.45		494,490.95	23,078.50-
	AMERIPRISE FINANCIAL INC DTD 08/11/16 2.875 09/15/2026 CUSIP 03076CAH9					
255,000.000	ALLISON TRANS-RYAN LABS	97.5810	248,831.55	92.7820	236,594.10	12,237.45-
255,000.000	TOTAL AMERIPRISE FINANCIAL 2.875% 9/15/26		248,831.55		236,594.10	12,237.45-
	AMGEN INC DTD 05/15/12 3.625 05/15/2022 CUSIP 031162BN9					
150,000.000	ALLISON TRANS-RYAN LABS	101.0310	151,546.50	100.5200	150,780.00	766.50-
150,000.000	TOTAL AMGEN INC 3.625% 5/15/22		151,546.50		150,780.00	766.50-

ASSET DETAIL REVALUED COST
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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	
	ANDEAVOR DTD 12/15/17 4.750 12/15/2023 CUSIP 03349MAC9					
400,000.000	ALLISON TRANS-RYAN LABS	107.1930	428,772.00	103.2300	412,920.00	15,852.00-
400,000.000	TOTAL ANDEAVOR 4.750% 12/15/23		428,772.00		412,920.00	15,852.00-
	ANHEUSER-BUSCH INBEV FIN DTD 01/25/16 3.650 02/01/2026 CUSIP 035242AP1					
455,000.000	ALLISON TRANS-RYAN LABS	103.4510	470,702.05	97.1700	442,123.50	28,578.55-
455,000.000	TOTAL ANHEUSER-BUSCH INBEV 3.650% 2/01/26		470,702.05		442,123.50	28,578.55-
	ANHEUSER-BUSCH INBEV FIN DTD 01/25/16 4.700 02/01/2036 CUSIP 035242AM8					
465,000.000	ALLISON TRANS-RYAN LABS	110.2530	512,676.45	100.1340	465,623.10	47,053.35-
465,000.000	TOTAL ANHEUSER-BUSCH INBEV 4.700% 2/01/36		512,676.45		465,623.10	47,053.35-
	ANTHEM INC DTD 11/21/17 3.650 12/01/2027 CUSIP 036752AB9					
390,000.000	ALLISON TRANS-RYAN LABS	101.3750	395,362.50	94.9990	370,496.10	24,866.40-
390,000.000	TOTAL ANTHEM INC 3.650% 12/01/27		395,362.50		370,496.10	24,866.40-
	APPLE INC DTD 02/09/17 3.350 02/09/2027 CUSIP 037833CJ7					
710,000.000	ALLISON TRANS-RYAN LABS	102.4135	727,136.20	97.8220	694,536.20	32,600.00-
710,000.000	TOTAL APPLE INC 3.350% 2/09/27		727,136.20		694,536.20	32,600.00-
	APPLE INC DTD 09/12/17 3.750 09/12/2047 CUSIP 037833DD9					
470,000.000	ALLISON TRANS-RYAN LABS	98.6490	463,650.30	94.0120	441,856.40	21,793.90-
470,000.000	TOTAL APPLE INC 3.750% 9/12/47		463,650.30		441,856.40	21,793.90-

ASSET DETAIL REVALUED COST
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ALLISON HOURLY CONSOLIDATED
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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	108.6640	499,854.40	103.9750	478,285.00	21,569.40-
460,000.000	TOTAL APPLE INC 4.375% 5/13/45		499,854.40		478,285.00	21,569.40-
	AT&T INC DTD 05/04/15 3.400 05/15/2025 CUSIP 00206RCN0					
705,000.000	ALLISON TRANS-RYAN LABS	95.6360	674,233.80	95.2070	671,209.35	3,024.45-
705,000.000	TOTAL AT&T INC 3.400% 5/15/25		674,233.80		671,209.35	3,024.45-
	BAKER HUGHES LLC/CO-OBL DTD 12/11/17 4.080 12/15/2047 CUSIP 05723KAF7					
445,000.000	ALLISON TRANS-RYAN LABS	88.9080	395,640.60	90.7510	403,841.95	8,201.35
445,000.000	TOTAL BAKER HUGHES LLC/CO- 4.080% 12/15/47		395,640.60		403,841.95	8,201.35
	BANK OF AMERICA CORP DTD 12/20/17 3.004 12/20/2023 CUSIP 06051GHC6					
867,000.000	ALLISON TRANS-RYAN LABS	96.6300	837,782.10	97.0440	841,371.48	3,589.38
867,000.000	TOTAL BANK OF AMERICA CORP 3.004% 12/20/23		837,782.10		841,371.48	3,589.38
	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	99.5500	228,965.00	97.0090	223,120.70	5,844.30-
230,000.000	TOTAL BANK OF NY MELLON CO 2.050% 5/03/21		228,965.00		223,120.70	5,844.30-
	BERKSHIRE HATHAWAY FIN DTD 05/15/13 4.300 05/15/2043 CUSIP 084664BV2					
320,000.000	ALLISON TRANS-RYAN LABS	108.9410	348,611.20	101.0720	323,430.40	25,180.80-
320,000.000	TOTAL BERKSHIRE HATHAWAY 4.300% 5/15/43		348,611.20		323,430.40	25,180.80-

ASSET DETAIL REVALUED COST
 AS OF SEPTEMBER 30, 2018

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	
	BOEING CO DEB DTD 07/07/93 7.2500 06/15/2025 CUSIP 097023AM7					
380,000.000	ALLISON TRANS-RYAN LABS	128.3580	487,760.40	120.1300	456,494.00	31,266.40-
380,000.000	TOTAL BOEING CO DEB DTD 7.250% 6/15/25		487,760.40		456,494.00	31,266.40-
	BP CAPITAL MARKETS PLC DTD 05/04/16 3.119 05/04/2026 CUSIP 05565QDB1					
400,000.000	ALLISON TRANS-RYAN LABS	99.9650	399,860.00	95.3550	381,420.00	18,440.00-
400,000.000	TOTAL BP CAPITAL MARKETS 3.119% 5/04/26		399,860.00		381,420.00	18,440.00-
	BP CAPITAL MARKETS PLC DTD 02/14/17 3.224 04/14/2024 CUSIP 05565QDL9					
225,000.000	ALLISON TRANS-RYAN LABS	101.8560	229,176.00	97.7590	219,957.75	9,218.25-
225,000.000	TOTAL BP CAPITAL MARKETS 3.224% 4/14/24		229,176.00		219,957.75	9,218.25-
	BURLINGTN NORTH SANTA FE DTD 08/22/13 5.150 09/01/2043 CUSIP 12189LAP6					
240,000.000	ALLISON TRANS-RYAN LABS	123.1810	295,634.40	112.1280	269,107.20	26,527.20-
240,000.000	TOTAL BURLINGTN NORTH SANT 5.150% 9/01/43		295,634.40		269,107.20	26,527.20-
	BURLINGTON RESOUR FINAN DTD 08/24/01 7.200 08/15/2031 CUSIP 12201PAB2					
265,000.000	ALLISON TRANS-RYAN LABS	132.7800	351,867.00	127.2830	337,299.95	14,567.05-
265,000.000	TOTAL BURLINGTON RESOUR 7.200% 8/15/31		351,867.00		337,299.95	14,567.05-
	CAPITAL ONE NA DTD 09/13/16 1.850 09/13/2019 CUSIP 14042RBS9					
255,000.000	ALLISON TRANS-RYAN LABS	99.2980	253,209.90	98.9080	252,215.40	994.50-
255,000.000	TOTAL CAPITAL ONE NA 1.850% 9/13/19		253,209.90		252,215.40	994.50-

ASSET DETAIL REVALUED COST
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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	
	CHARLES SCHWAB CORP DTD 05/22/18 3.850 05/21/2025 CUSIP 808513AX3					
395,000.000	ALLISON TRANS-RYAN LABS	99.9330	394,735.35	100.7070	397,792.65	3,057.30
395,000.000	TOTAL CHARLES SCHWAB CORP 3.850% 5/21/25		394,735.35		397,792.65	3,057.30
	CHEVRON CORP DTD 06/24/13 3.191 06/24/2023 CUSIP 166764AH3					
785,000.000	ALLISON TRANS-RYAN LABS	100.8083	791,345.45	99.2750	779,308.75	12,036.70-
785,000.000	TOTAL CHEVRON CORP 3.191% 6/24/23		791,345.45		779,308.75	12,036.70-
	CISCO SYSTEMS INC DTD 09/20/16 2.500 09/20/2026 CUSIP 17275RBL5					
520,000.000	ALLISON TRANS-RYAN LABS	97.0790	504,810.80	92.4880	480,937.60	23,873.20-
520,000.000	TOTAL CISCO SYSTEMS INC 2.500% 9/20/26		504,810.80		480,937.60	23,873.20-
	CNOOC FINANCE 2013 LTD DTD 05/09/13 3.000 05/09/2023 CUSIP 12625GAC8					
650,000.000	ALLISON TRANS-RYAN LABS	100.1620	651,053.00	95.8300	622,895.00	28,158.00-
650,000.000	TOTAL CNOOC FINANCE 2013 3.000% 5/09/23		651,053.00		622,895.00	28,158.00-
	COMCAST CORP DTD 07/19/16 2.350 01/15/2027 CUSIP 20030NBW0					
355,000.000	ALLISON TRANS-RYAN LABS	93.3370	331,346.35	87.9920	312,371.60	18,974.75-
355,000.000	TOTAL COMCAST CORP 2.350% 1/15/27		331,346.35		312,371.60	18,974.75-
	COMCAST CORP DTD 01/14/13 4.250 01/15/2033 CUSIP 20030NBH3					
567,000.000	ALLISON TRANS-RYAN LABS	107.5320	609,706.44	98.0320	555,841.44	53,865.00-
567,000.000	TOTAL COMCAST CORP 4.250% 1/15/33		609,706.44		555,841.44	53,865.00-

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	
	COMMONWEALTH EDISON CO DTD 03/02/15 3.700 03/01/2045 CUSIP 202795JF8					
<u>510,000.000</u>	ALLISON TRANS-RYAN LABS	98.7490	<u>503,619.90</u>	91.9010	<u>468,695.10</u>	<u>34,924.80-</u>
510,000.000	TOTAL COMMONWEALTH EDISON 3.700% 3/01/45		503,619.90		468,695.10	34,924.80-
	CONS EDISON CO OF NY DTD 03/06/14 4.450 03/15/2044 CUSIP 209111FD0					
<u>260,000.000</u>	ALLISON TRANS-RYAN LABS	110.8840	<u>288,298.40</u>	102.3660	<u>266,151.60</u>	<u>22,146.80-</u>
260,000.000	TOTAL CONS EDISON CO OF NY 4.450% 3/15/44		288,298.40		266,151.60	22,146.80-
	CONSOLIDATED EDISON CO O DTD 11/17/15 4.500 12/01/2045 CUSIP 209111FG3					
<u>205,000.000</u>	ALLISON TRANS-RYAN LABS	110.7650	<u>227,068.25</u>	102.1860	<u>209,481.30</u>	<u>17,586.95-</u>
205,000.000	TOTAL CONSOLIDATED EDISON 4.500% 12/01/45		227,068.25		209,481.30	17,586.95-
	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	103.8430	<u>337,489.75</u>	98.5580	<u>320,313.50</u>	<u>17,176.25-</u>
325,000.000	TOTAL CREDIT SUISSE NEW YO 3.625% 9/09/24		337,489.75		320,313.50	17,176.25-
	DUKE ENERGY CAROLINAS DTD 11/17/16 2.950 12/01/2026 CUSIP 26442CAS3					
<u>375,000.000</u>	ALLISON TRANS-RYAN LABS	98.2660	<u>368,497.50</u>	94.9640	<u>356,115.00</u>	<u>12,382.50-</u>
375,000.000	TOTAL DUKE ENERGY CAROLINA 2.950% 12/01/26		368,497.50		356,115.00	12,382.50-
	DUKE ENERGY INDIANA LLC DTD 05/12/16 3.750 05/15/2046 CUSIP 26443TAA4					
<u>360,000.000</u>	ALLISON TRANS-RYAN LABS	101.5250	<u>365,490.00</u>	91.4450	<u>329,202.00</u>	<u>36,288.00-</u>
360,000.000	TOTAL DUKE ENERGY INDIANA 3.750% 5/15/46		365,490.00		329,202.00	36,288.00-

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	
	EL PASO PIPELINE PART OP DTD 09/20/11 5.000 10/01/2021 CUSIP 28370TAE9					
579,000.000	ALLISON TRANS-RYAN LABS	105.4130	610,341.27	103.8980	601,569.42	8,771.85-
579,000.000	TOTAL EL PASO PIPELINE PAR 5.000% 10/01/21		610,341.27		601,569.42	8,771.85-
	ENTERGY LOUISIANA LLC DTD 03/23/18 4.000 03/15/2033 CUSIP 29364WBA5					
350,000.000	ALLISON TRANS-RYAN LABS	101.9200	356,720.00	100.2420	350,847.00	5,873.00-
350,000.000	TOTAL ENTERGY LOUISIANA LL 4.000% 3/15/33		356,720.00		350,847.00	5,873.00-
	ERP OPERATING LP DTD 08/03/17 3.250 08/01/2027 CUSIP 26884ABG7					
335,000.000	ALLISON TRANS-RYAN LABS	100.3550	336,189.25	94.8990	317,911.65	18,277.60-
335,000.000	TOTAL ERP OPERATING LP 3.250% 8/01/27		336,189.25		317,911.65	18,277.60-
	FLORIDA POWER & LIGHT CO DTD 05/15/14 3.250 06/01/2024 CUSIP 341081FK8					
500,000.000	ALLISON TRANS-RYAN LABS	103.1170	515,585.00	98.5350	492,675.00	22,910.00-
500,000.000	TOTAL FLORIDA POWER & LIGH 3.250% 6/01/24		515,585.00		492,675.00	22,910.00-
	FLORIDA POWER & LIGHT DTD 12/09/10 5.250 02/01/2041 CUSIP 341081FD4					
365,000.000	ALLISON TRANS-RYAN LABS	122.4420	446,913.30	114.4350	417,687.75	29,225.55-
365,000.000	TOTAL FLORIDA POWER & LIGH 5.250% 2/01/41		446,913.30		417,687.75	29,225.55-
	FORD MOTOR CREDIT CO LLC DTD 11/02/17 2.343 11/02/2020 CUSIP 345397YS6					
530,000.000	ALLISON TRANS-RYAN LABS	97.4940	516,718.20	97.2000	515,160.00	1,558.20-
530,000.000	TOTAL FORD MOTOR CREDIT CO 2.343% 11/02/20		516,718.20		515,160.00	1,558.20-

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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	
	FORD MOTOR CREDIT CO LLC DTD 09/08/14 3.664 09/08/2024 CUSIP 345397WW9					
480,000.000	ALLISON TRANS-RYAN LABS	95.9478	460,549.40	93.5150	448,872.00	11,677.40-
480,000.000	TOTAL FORD MOTOR CREDIT CO 3.664% 9/08/24		460,549.40		448,872.00	11,677.40-
	FRANKLIN RESOURCES INC DTD 09/24/12 2.800 09/15/2022 CUSIP 354613AJ0					
220,000.000	ALLISON TRANS-RYAN LABS	101.3440	222,956.80	97.2220	213,888.40	9,068.40-
220,000.000	TOTAL FRANKLIN RESOURCES 2.800% 9/15/22		222,956.80		213,888.40	9,068.40-
	GE CAPITAL INTL FUNDING DTD 05/15/16 4.418 11/15/2035 CUSIP 36164QNA2					
341,000.000	ALLISON TRANS-RYAN LABS	108.7400	370,803.40	94.1160	320,935.56	49,867.84-
341,000.000	TOTAL GE CAPITAL INTL FUND 4.418% 11/15/35		370,803.40		320,935.56	49,867.84-
	GENERAL ELEC CAP CORP DTD 01/14/08 5.875 01/14/2038 CUSIP 36962G3P7					
105,000.000	ALLISON TRANS-RYAN LABS	128.1020	134,507.10	111.6250	117,206.25	17,300.85-
105,000.000	TOTAL GENERAL ELEC CAP COR 5.875% 1/14/38		134,507.10		117,206.25	17,300.85-
	GENERAL ELECTRIC CO DTD 03/11/14 4.500 03/11/2044 CUSIP 369604BH5					
910,000.000	ALLISON TRANS-RYAN LABS	111.9410	1,018,663.10	94.3220	858,330.20	160,332.90-
910,000.000	TOTAL GENERAL ELECTRIC CO 4.500% 3/11/44		1,018,663.10		858,330.20	160,332.90-
	GEORGIA POWER COMPANY DTD 03/06/12 4.300 03/15/2042 CUSIP 373334JW2					
445,000.000	ALLISON TRANS-RYAN LABS	104.4850	464,958.25	94.9660	422,598.70	42,359.55-
445,000.000	TOTAL GEORGIA POWER COMPAN 4.300% 3/15/42		464,958.25		422,598.70	42,359.55-

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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	
	GILEAD SCIENCES INC DTD 09/20/16 4.000 09/01/2036 CUSIP 375558BJ1					
335,000.000	ALLISON TRANS-RYAN LABS	103.0070	345,073.45	96.3380	322,732.30	22,341.15-
335,000.000	TOTAL GILEAD SCIENCES INC 4.000% 9/01/36		345,073.45		322,732.30	22,341.15-
	GOLDMAN SACHS GROUP INC DTD 01/24/12 5.750 01/24/2022 CUSIP 38141GGS7					
395,000.000	ALLISON TRANS-RYAN LABS	112.0800	442,716.00	106.3910	420,244.45	22,471.55-
395,000.000	TOTAL GOLDMAN SACHS GROUP 5.750% 1/24/22		442,716.00		420,244.45	22,471.55-
	HSBC BK USA N A GLOBAL DTD 10/25/04 5.875 11/01/2034 CUSIP 4042Q1AA5					
300,000.000	ALLISON TRANS-RYAN LABS	124.6780	374,034.00	113.9340	341,802.00	32,232.00-
300,000.000	TOTAL HSBC BK USA N A GLOB 5.875% 11/01/34		374,034.00		341,802.00	32,232.00-
	INTEL CORP DTD 07/29/15 3.700 07/29/2025 CUSIP 458140AS9					
190,000.000	ALLISON TRANS-RYAN LABS	105.7510	200,926.90	100.6700	191,273.00	9,653.90-
190,000.000	TOTAL INTEL CORP 3.700% 7/29/25		200,926.90		191,273.00	9,653.90-
	INTEL CORP DTD 06/08/18 3.734 12/08/2047 CUSIP 458140BG4					
315,000.000	ALLISON TRANS-RYAN LABS	94.6810	298,245.15	93.1880	293,542.20	4,702.95-
315,000.000	TOTAL INTEL CORP 3.734% 12/08/47		298,245.15		293,542.20	4,702.95-
	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	97.8630	254,443.80	92.8410	241,386.60	13,057.20-
260,000.000	TOTAL JOHN DEERE CAPITAL 2.650% 6/10/26		254,443.80		241,386.60	13,057.20-

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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	
	JOHNSON & JOHNSON DTD 11/10/17 3.500 01/15/2048 CUSIP 478160CM4					
415,000.000	ALLISON TRANS-RYAN LABS	100.9890	419,104.35	91.6240	380,239.60	38,864.75-
415,000.000	TOTAL JOHNSON & JOHNSON 3.500% 1/15/48		419,104.35		380,239.60	38,864.75-
	JOHNSON & JOHNSON DTD 12/05/13 4.375 12/05/2033 CUSIP 478160BJ2					
225,000.000	ALLISON TRANS-RYAN LABS	113.5100	255,397.50	106.4240	239,454.00	15,943.50-
225,000.000	TOTAL JOHNSON & JOHNSON 4.375% 12/05/33		255,397.50		239,454.00	15,943.50-
	JPMORGAN CHASE & CO DTD 09/24/12 3.250 09/23/2022 CUSIP 46625HJE1					
455,000.000	ALLISON TRANS-RYAN LABS	103.3820	470,388.10	99.1160	450,977.80	19,410.30-
455,000.000	TOTAL JPMORGAN CHASE & CO 3.250% 9/23/22		470,388.10		450,977.80	19,410.30-
	JPMORGAN CHASE & CO DTD 07/21/15 3.900 07/15/2025 CUSIP 46625HMN7					
700,000.000	ALLISON TRANS-RYAN LABS	103.7000	725,900.00	99.9650	699,755.00	26,145.00-
700,000.000	TOTAL JPMORGAN CHASE & CO 3.900% 7/15/25		725,900.00		699,755.00	26,145.00-
	KEYCORP MED TERM NOTE DTD 03/24/11 5.100 03/24/2021 CUSIP 49326EED1					
325,000.000	ALLISON TRANS-RYAN LABS	108.9860	354,204.50	104.0290	338,094.25	16,110.25-
325,000.000	TOTAL KEYCORP 5.100% 3/24/21		354,204.50		338,094.25	16,110.25-
	KIMBERLY-CLARK CORP DTD 05/04/17 3.900 05/04/2047 CUSIP 494368BW2					
245,000.000	ALLISON TRANS-RYAN LABS	102.1400	250,243.00	95.7480	234,582.60	15,660.40-
245,000.000	TOTAL KIMBERLY-CLARK CORP 3.900% 5/04/47		250,243.00		234,582.60	15,660.40-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	LOEWS CORP DTD 03/22/16 3.750 04/01/2026 CUSIP 540424AS7					
330,000.000	ALLISON TRANS-RYAN LABS	103.8990	342,866.70	99.1720	327,267.60	15,599.10-
330,000.000	TOTAL LOEWS CORP 3.750% 4/01/26		342,866.70		327,267.60	15,599.10-
	LOWE'S COS INC DTD 05/03/17 3.100 05/03/2027 CUSIP 548661DP9					
365,000.000	ALLISON TRANS-RYAN LABS	99.4944	363,154.40	95.4340	348,334.10	14,820.30-
365,000.000	TOTAL LOWE'S COS INC 3.100% 5/03/27		363,154.40		348,334.10	14,820.30-
	LOWE'S COS INC DTD 04/20/16 3.700 04/15/2046 CUSIP 548661DN4					
360,000.000	ALLISON TRANS-RYAN LABS	96.8310	348,591.60	90.8040	326,894.40	21,697.20-
360,000.000	TOTAL LOWE'S COS INC 3.700% 4/15/46		348,591.60		326,894.40	21,697.20-
	LYONDELLBASELL IND NV DTD 04/09/12 5.000 04/15/2019 CUSIP 552081AG6					
279,000.000	ALLISON TRANS-RYAN LABS	103.7590	289,487.61	100.5010	280,397.79	9,089.82-
279,000.000	TOTAL LYONDELLBASELL IND 5.000% 4/15/19		289,487.61		280,397.79	9,089.82-
	MANUF & TRADERS TRUST CO DTD 08/17/17 3.400 08/17/2027 CUSIP 55279HAQ3					
345,000.000	ALLISON TRANS-RYAN LABS	100.2270	345,783.15	96.0680	331,434.60	14,348.55-
345,000.000	TOTAL MANUF & TRADERS TRUS 3.400% 8/17/27		345,783.15		331,434.60	14,348.55-
	MASTERCARD INC DTD 03/31/14 3.375 04/01/2024 CUSIP 57636QAB0					
445,000.000	ALLISON TRANS-RYAN LABS	104.3900	464,535.50	99.9830	444,924.35	19,611.15-
445,000.000	TOTAL MASTERCARD INC 3.375% 4/01/24		464,535.50		444,924.35	19,611.15-

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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	
	MEDTRONIC INC DTD 03/15/15 4.375 03/15/2035 CUSIP 585055BT2					
420,000.000	ALLISON TRANS-RYAN LABS	110.0790	462,331.80	103.4170	434,351.40	27,980.40-
420,000.000	TOTAL MEDTRONIC INC 4.375% 3/15/35		462,331.80		434,351.40	27,980.40-
	MERCK & CO INC DTD 02/10/15 2.750 02/10/2025 CUSIP 58933YAR6					
330,000.000	ALLISON TRANS-RYAN LABS	100.3100	331,023.00	95.9930	316,776.90	14,246.10-
330,000.000	TOTAL MERCK & CO INC 2.750% 2/10/25		331,023.00		316,776.90	14,246.10-
	MICROSOFT CORP DTD 11/03/15 3.125 11/03/2025 CUSIP 594918BJ2					
455,000.000	ALLISON TRANS-RYAN LABS	102.7440	467,485.20	97.8860	445,381.30	22,103.90-
455,000.000	TOTAL MICROSOFT CORP 3.125% 11/03/25		467,485.20		445,381.30	22,103.90-
	MICROSOFT CORP DTD 02/06/17 4.250 02/06/2047 CUSIP 594918CA0					
645,000.000	ALLISON TRANS-RYAN LABS	110.9599	715,691.10	105.0020	677,262.90	38,428.20-
645,000.000	TOTAL MICROSOFT CORP 4.250% 2/06/47		715,691.10		677,262.90	38,428.20-
	MIDAMERICAN ENERGY CO DTD 04/03/14 3.500 10/15/2024 CUSIP 595620AM7					
500,000.000	ALLISON TRANS-RYAN LABS	105.0080	525,040.00	99.8510	499,255.00	25,785.00-
500,000.000	TOTAL MIDAMERICAN ENERGY 3.500% 10/15/24		525,040.00		499,255.00	25,785.00-
	MIDAMERICAN ENERGY CO DTD 09/19/13 4.800 09/15/2043 CUSIP 595620AL9					
355,000.000	ALLISON TRANS-RYAN LABS	115.9386	411,582.10	108.2570	384,312.35	27,269.75-
355,000.000	TOTAL MIDAMERICAN ENERGY 4.800% 9/15/43		411,582.10		384,312.35	27,269.75-

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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	
	MORGAN STANLEY DTD 07/26/10 5.500 07/24/2020 CUSIP 6174467P8					
200,000.000	ALLISON TRANS-RYAN LABS	108.6310	217,262.00	103.7530	207,506.00	9,756.00-
200,000.000	TOTAL MORGAN STANLEY 5.500% 7/24/20		217,262.00		207,506.00	9,756.00-
	NATIONAL RURAL UTIL COOP DTD 04/25/17 3.050 04/25/2027 CUSIP 637432NN1					
665,000.000	ALLISON TRANS-RYAN LABS	100.0210	665,139.65	94.4960	628,398.40	36,741.25-
665,000.000	TOTAL NATIONAL RURAL UTIL 3.050% 4/25/27		665,139.65		628,398.40	36,741.25-
	NIKE INC DTD 10/21/16 2.375 11/01/2026 CUSIP 654106AF0					
365,000.000	ALLISON TRANS-RYAN LABS	94.8740	346,290.10	90.7180	331,120.70	15,169.40-
365,000.000	TOTAL NIKE INC 2.375% 11/01/26		346,290.10		331,120.70	15,169.40-
	OMNICOM GROUP INC DTD 04/23/12 3.625 05/01/2022 CUSIP 681919AZ9					
405,000.000	ALLISON TRANS-RYAN LABS	104.2800	422,334.00	99.4340	402,707.70	19,626.30-
405,000.000	TOTAL OMNICOM GROUP INC 3.625% 5/01/22		422,334.00		402,707.70	19,626.30-
	ORACLE CORP DTD 04/09/08 6.500 04/15/2038 CUSIP 68389XAE5					
360,000.000	ALLISON TRANS-RYAN LABS	137.2970	494,269.20	128.3930	462,214.80	32,054.40-
360,000.000	TOTAL ORACLE CORP 6.500% 4/15/38		494,269.20		462,214.80	32,054.40-
	PACIFIC GAS & ELECTRIC DTD 03/23/04 6.050 03/01/2034 CUSIP 694308GE1					
225,000.000	ALLISON TRANS-RYAN LABS	130.2330	293,024.25	113.6640	255,744.00	37,280.25-
225,000.000	TOTAL PACIFIC GAS & ELECTR 6.050% 3/01/34		293,024.25		255,744.00	37,280.25-

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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	
	PACIFICORP DTD 10/03/07 6.250 10/15/2037 CUSIP 695114CG1					
305,000.000	ALLISON TRANS-RYAN LABS	128.3050	391,330.25	126.0680	384,507.40	6,822.85-
305,000.000	TOTAL PACIFICORP 6.250% 10/15/37		391,330.25		384,507.40	6,822.85-
	PEPSICO INC DTD 10/14/15 4.450 04/14/2046 CUSIP 713448DD7					
400,000.000	ALLISON TRANS-RYAN LABS	110.9100	443,640.00	105.4080	421,632.00	22,008.00-
400,000.000	TOTAL PEPSICO INC 4.450% 4/14/46		443,640.00		421,632.00	22,008.00-
	PNC BANK NA DTD 07/26/18 4.050 07/26/2028 CUSIP 69349LAR9					
400,000.000	ALLISON TRANS-RYAN LABS	100.3680	401,472.00	100.0790	400,316.00	1,156.00-
400,000.000	TOTAL PNC BANK NA 4.050% 7/26/28		401,472.00		400,316.00	1,156.00-
	PPL ELECTRIC UTILITIES DTD 07/11/13 4.750 07/15/2043 CUSIP 69351UAR4					
355,000.000	ALLISON TRANS-RYAN LABS	109.7280	389,534.40	106.5620	378,295.10	11,239.30-
355,000.000	TOTAL PPL ELECTRIC UTILITI 4.750% 7/15/43		389,534.40		378,295.10	11,239.30-
	PUBLIC SERVICE ELECTRIC MED TERM NOTE DTD 05/04/18 3.700 05/01/2028 CUSIP 744560BU9					
775,000.000	ALLISON TRANS-RYAN LABS	100.0960	775,744.00	99.3670	770,094.25	5,649.75-
775,000.000	TOTAL PUBLIC SERVICE ELECT 3.700% 5/01/28		775,744.00		770,094.25	5,649.75-
	QUALCOMM INC DTD 05/26/17 3.250 05/20/2027 CUSIP 747525AU7					
505,000.000	ALLISON TRANS-RYAN LABS	100.8380	509,231.90	94.1130	475,270.65	33,961.25-
505,000.000	TOTAL QUALCOMM INC 3.250% 5/20/27		509,231.90		475,270.65	33,961.25-

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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	117.7850	212,013.00	111.6600	200,988.00	11,025.00-
180,000.000	TOTAL RAYTHEON COMPANY 4.875% 10/15/40		212,013.00		200,988.00	11,025.00-
	REGENCY ENERGY PARTNERS DTD 11/01/13 4.500 11/01/2023 CUSIP 75886AAJ7					
505,000.000	ALLISON TRANS-RYAN LABS	103.4000	522,170.00	101.3580	511,857.90	10,312.10-
505,000.000	TOTAL REGENCY ENERGY PARTN 4.500% 11/01/23		522,170.00		511,857.90	10,312.10-
	SHELL INTERNATIONAL FIN DTD 09/12/16 2.500 09/12/2026 CUSIP 822582BX9					
260,000.000	ALLISON TRANS-RYAN LABS	96.3610	250,538.60	92.2610	239,878.60	10,660.00-
260,000.000	TOTAL SHELL INTERNATIONAL 2.500% 9/12/26		250,538.60		239,878.60	10,660.00-
	SHIRE ACQ INV IRELAND DA DTD 09/23/16 2.400 09/23/2021 CUSIP 82481LAB5					
350,000.000	ALLISON TRANS-RYAN LABS	98.5760	345,016.00	96.5890	338,061.50	6,954.50-
350,000.000	TOTAL SHIRE ACQ INV IRELAN 2.400% 9/23/21		345,016.00		338,061.50	6,954.50-
	SIMON PROPERTY GROUP LP DTD 06/01/17 3.375 06/15/2027 CUSIP 828807DC8					
365,000.000	ALLISON TRANS-RYAN LABS	100.4810	366,755.65	95.8170	349,732.05	17,023.60-
365,000.000	TOTAL SIMON PROPERTY GROUP 3.375% 6/15/27		366,755.65		349,732.05	17,023.60-
	SOUTHERN CAL EDISON DTD 03/24/17 4.000 04/01/2047 CUSIP 842400GG2					
525,000.000	ALLISON TRANS-RYAN LABS	103.2323	541,969.60	93.9300	493,132.50	48,837.10-
525,000.000	TOTAL SOUTHERN CAL EDISON 4.000% 4/01/47		541,969.60		493,132.50	48,837.10-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	SOUTHERN CAL EDISON DTD 10/02/13 4.650 10/01/2043 CUSIP 842400FZ1					
370,000.000	ALLISON TRANS-RYAN LABS	105.6220	390,801.40	103.8490	384,241.30	6,560.10-
370,000.000	TOTAL SOUTHERN CAL EDISON 4.650% 10/01/43		390,801.40		384,241.30	6,560.10-
	SOUTHWESTERN PUBLIC SERV DTD 08/10/11 4.500 08/15/2041 CUSIP 845743BN2					
440,000.000	ALLISON TRANS-RYAN LABS	110.6200	486,728.00	102.6080	451,475.20	35,252.80-
440,000.000	TOTAL SOUTHWESTERN PUBLIC 4.500% 8/15/41		486,728.00		451,475.20	35,252.80-
	STATOIL ASA DTD 05/15/13 3.950 05/15/2043 CUSIP 85771PAL6					
350,000.000	ALLISON TRANS-RYAN LABS	100.3962	351,386.70	97.4170	340,959.50	10,427.20-
350,000.000	TOTAL STATOIL ASA 3.950% 5/15/43		351,386.70		340,959.50	10,427.20-
	STRYKER CORP DTD 01/15/10 4.375 01/15/2020 CUSIP 863667AB7					
230,000.000	ALLISON TRANS-RYAN LABS	105.3520	242,309.60	101.5990	233,677.70	8,631.90-
230,000.000	TOTAL STRYKER CORP 4.375% 1/15/20		242,309.60		233,677.70	8,631.90-
	TEXAS INSTRUMENTS INC DTD 05/07/18 4.150 05/15/2048 CUSIP 882508BD5					
370,000.000	ALLISON TRANS-RYAN LABS	100.1309	370,484.40	100.4100	371,517.00	1,032.60
370,000.000	TOTAL TEXAS INSTRUMENTS IN 4.150% 5/15/48		370,484.40		371,517.00	1,032.60
	TORONTO-DOMINION BANK DTD 07/19/18 3.500 07/19/2023 CUSIP 89114QC48					
415,000.000	ALLISON TRANS-RYAN LABS	99.8640	414,435.60	99.8150	414,232.25	203.35-
415,000.000	TOTAL TORONTO-DOMINION BAN 3.500% 7/19/23		414,435.60		414,232.25	203.35-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	TRAVELERS COS INC DTD 06/20/06 6.750 06/20/2036 CUSIP 792860AK4					
225,000.000	ALLISON TRANS-RYAN LABS	138.5780	311,800.50	129.3690	291,080.25	20,720.25-
225,000.000	TOTAL TRAVELERS COS INC 6.750% 6/20/36		311,800.50		291,080.25	20,720.25-
	UNION PACIFIC CORP DTD 06/08/18 3.750 07/15/2025 CUSIP 907818ES3					
400,000.000	ALLISON TRANS-RYAN LABS	99.9960	399,984.00	100.0060	400,024.00	40.00
400,000.000	TOTAL UNION PACIFIC CORP 3.750% 7/15/25		399,984.00		400,024.00	40.00
	UNITED PARCEL SERVICE DTD 10/24/16 2.400 11/15/2026 CUSIP 911312AY2					
200,000.000	ALLISON TRANS-RYAN LABS	96.6230	193,246.00	91.3130	182,626.00	10,620.00-
200,000.000	TOTAL UNITED PARCEL SERVIC 2.400% 11/15/26		193,246.00		182,626.00	10,620.00-
	UNITED PARCEL SERVICE DTD 11/14/17 3.050 11/15/2027 CUSIP 911312BM7					
365,000.000	ALLISON TRANS-RYAN LABS	99.7020	363,912.30	95.6560	349,144.40	14,767.90-
365,000.000	TOTAL UNITED PARCEL SERVIC 3.050% 11/15/27		363,912.30		349,144.40	14,767.90-
	UNITED TECHNOLOGIES CORP DTD 11/01/16 3.750 11/01/2046 CUSIP 913017CJ6					
355,000.000	ALLISON TRANS-RYAN LABS	96.7329	343,401.86	87.5170	310,685.35	32,716.51-
355,000.000	TOTAL UNITED TECHNOLOGIES 3.750% 11/01/46		343,401.86		310,685.35	32,716.51-
	UNITEDHEALTH GROUP INC DTD 07/23/15 4.625 07/15/2035 CUSIP 91324PCQ3					
185,000.000	ALLISON TRANS-RYAN LABS	114.6080	212,024.80	106.4490	196,930.65	15,094.15-
185,000.000	TOTAL UNITEDHEALTH GROUP 4.625% 7/15/35		212,024.80		196,930.65	15,094.15-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	VENTAS REALTY LP DTD 03/29/17 3.100 01/15/2023 CUSIP 92277GAK3					
100,000.000	ALLISON TRANS-RYAN LABS	100.4770	100,477.00	97.1020	97,102.00	3,375.00-
100,000.000	TOTAL VENTAS REALTY LP 3.100% 1/15/23		100,477.00		97,102.00	3,375.00-
	VERIZON COMMUNICATIONS DTD 03/17/14 4.150 03/15/2024 CUSIP 92343VBY9					
475,000.000	ALLISON TRANS-RYAN LABS	105.8740	502,901.50	101.8840	483,949.00	18,952.50-
475,000.000	TOTAL VERIZON COMMUNICATIO 4.150% 3/15/24		502,901.50		483,949.00	18,952.50-
	VISA INC DTD 12/14/15 3.150 12/14/2025 CUSIP 92826CAD4					
230,000.000	ALLISON TRANS-RYAN LABS	102.4510	235,637.30	96.9620	223,012.60	12,624.70-
230,000.000	TOTAL VISA INC 3.150% 12/14/25		235,637.30		223,012.60	12,624.70-
	CITIGROUP INC DTD 01/24/18 01/24/2023 CUSIP 172967LV1					
800,000.000	ALLISON TRANS-RYAN LABS	98.0763	784,610.60	98.0760	784,608.00	2.60-
800,000.000	TOTAL VR CITIGROUP INC 3.142% 1/24/23		784,610.60		784,608.00	2.60-
	JPMORGAN CHASE & CO DTD 07/24/17 07/24/2038 CUSIP 46647PAJ5					
630,000.000	ALLISON TRANS-RYAN LABS	92.0410	579,858.30	93.3990	588,413.70	8,555.40
630,000.000	TOTAL VR JPMORGAN CHASE & 3.882% 7/24/38		579,858.30		588,413.70	8,555.40
	MORGAN STANLEY DTD 04/24/18 04/24/2024 CUSIP 61744YAQ1					
720,000.000	ALLISON TRANS-RYAN LABS	99.5470	716,738.40	99.1510	713,887.20	2,851.20-
720,000.000	TOTAL VR MORGAN STANLEY 3.737% 4/24/24		716,738.40		713,887.20	2,851.20-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	WAL-MART STORES INC DTD 10/20/17 3.625 12/15/2047 CUSIP 931142DW0					
335,000.000	ALLISON TRANS-RYAN LABS	96.1130	321,978.55	93.5880	313,519.80	8,458.75-
335,000.000	TOTAL WAL-MART STORES INC 3.625% 12/15/47		321,978.55		313,519.80	8,458.75-
	WELLS FARGO & CO DTD 02/07/05 5.375 02/07/2035 CUSIP 949746JM4					
375,000.000	ALLISON TRANS-RYAN LABS	111.3260	417,472.50	111.7880	419,205.00	1,732.50
375,000.000	TOTAL WELLS FARGO & CO 5.375% 2/07/35		417,472.50		419,205.00	1,732.50
	WELLS FARGO & COMPANY DTD 02/13/13 3.450 02/13/2023 CUSIP 94974BFJ4					
455,000.000	ALLISON TRANS-RYAN LABS	102.4620	466,202.10	98.2290	446,941.95	19,260.15-
455,000.000	TOTAL WELLS FARGO & COMPAN 3.450% 2/13/23		466,202.10		446,941.95	19,260.15-
	WELLS FARGO & COMPANY DTD 03/08/12 3.500 03/08/2022 CUSIP 94974BFC9					
845,000.000	ALLISON TRANS-RYAN LABS	102.6712	867,571.80	99.8560	843,783.20	23,788.60-
845,000.000	TOTAL WELLS FARGO & COMPAN 3.500% 3/08/22		867,571.80		843,783.20	23,788.60-
	WELLS FARGO & COMPANY MED TERM NOTE DTD 07/22/15 4.300 07/22/2027 CUSIP 94974BGL8					
250,000.000	ALLISON TRANS-RYAN LABS	105.7620	264,405.00	99.6210	249,052.50	15,352.50-
250,000.000	TOTAL WELLS FARGO & COMPAN 4.300% 7/22/27		264,405.00		249,052.50	15,352.50-
	WESTAR ENERGY INC DTD 03/06/17 3.100 04/01/2027 CUSIP 95709TAP5					
330,000.000	ALLISON TRANS-RYAN LABS	100.5290	331,745.70	94.8920	313,143.60	18,602.10-
330,000.000	TOTAL WESTAR ENERGY INC 3.100% 4/01/27		331,745.70		313,143.60	18,602.10-
	TOTAL CORPORATE BONDS		49,109,084.23		46,880,572.59	2,228,511.64-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
CORPORATE BACKED OBLIGATION						
	AMERICAN CREDIT ACCEPTANCE REC SER 2017-1 CL D *0 DAY DELAY* 144A PRIV PLCMT 3.540 03/13/2023 CUSIP 02529GAG7					
<u>490,000.000</u>	ALLISON TRANS-RYAN LABS	100.2010	<u>490,984.90</u>	99.7750	<u>488,897.50</u>	<u>2,087.40-</u>
490,000.000	TOTAL AMERICAN CREDIT ACCE 3.540% 3/13/23		490,984.90		488,897.50	2,087.40-
	AMERICREDIT AUTOMOBILE RECEIVA SER 2017-3 CL D *0 DAY DELAY* DTD 08/16/17 3.180 07/18/2023 CUSIP 03065HAG3					
<u>455,000.000</u>	ALLISON TRANS-RYAN LABS	99.9220	<u>454,645.10</u>	98.4050	<u>447,742.75</u>	<u>6,902.35-</u>
455,000.000	TOTAL AMERICREDIT AUTOMOBIL 3.180% 7/18/23		454,645.10		447,742.75	6,902.35-
	AMERICREDIT AUTOMOBILE RECEIVA SER 2017-2 CL D *0 DAY DELAY* DTD 05/17/17 3.420 04/18/2023 CUSIP 03065GAG5					
<u>370,000.000</u>	ALLISON TRANS-RYAN LABS	100.9960	<u>373,685.20</u>	99.2920	<u>367,380.40</u>	<u>6,304.80-</u>
370,000.000	TOTAL AMERICREDIT AUTOMOBIL 3.420% 4/18/23		373,685.20		367,380.40	6,304.80-
	CHRYSLER CAPITAL AUTO RECEIVAB SER 2016-BA CL D *0 DAY DELAY* 144A PRIV PLCMT 3.510 09/15/2023 CUSIP 17119BAG2					
<u>390,000.000</u>	ALLISON TRANS-RYAN LABS	99.6940	<u>388,806.60</u>	98.8530	<u>385,526.70</u>	<u>3,279.90-</u>
390,000.000	TOTAL CHRYSLER CAPITAL AUT 3.510% 9/15/23		388,806.60		385,526.70	3,279.90-
	DRIVE AUTO RECEIVABLES TRUST SER 2017-AA CL D *0 DAY DELAY* 144A PRIV PLCMT 4.160 05/15/2024 CUSIP 26208CAN8					
<u>400,000.000</u>	ALLISON TRANS-RYAN LABS	101.7040	<u>406,816.00</u>	101.0000	<u>404,000.00</u>	<u>2,816.00-</u>
400,000.000	TOTAL DRIVE AUTO RECEIVABL 4.160% 5/15/24		406,816.00		404,000.00	2,816.00-

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	SIERRA RECEIVABLES FUNDING CO SER 2016-3A CL B *0 DAY DELAY* 144A PRIV PLCMT 2.630 10/20/2033 CUSIP 82652YAB0					
<u>143,458.470</u>	ALLISON TRANS-RYAN LABS	98.7030	<u>141,597.81</u>	96.8290	<u>138,909.40</u>	<u>2,688.41-</u>
143,458.470	TOTAL SIERRA RECEIVABLES 2.630% 10/20/33		141,597.81		138,909.40	2,688.41-
	TOTAL CORPORATE BACKED OBLIGATION		2,256,535.61		2,232,456.75	24,078.86-
	MORTGAGE BACKED OBLIGATION					
	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	95.7340	<u>220,188.20</u>	94.8830	<u>218,230.90</u>	<u>1,957.30-</u>
230,000.000	TOTAL CREDIT SUISSE MORTG 4.3733% 9/15/37		220,188.20		218,230.90	1,957.30-
	GOVT NATL MTG ASSN SER 2018-47 CL CA *15 DAY DELAY* DTD 03/01/18 2.500 01/16/2049 CUSIP 38380JVK1					
<u>386,342.240</u>	ALLISON TRANS-RYAN LABS	95.9184	<u>370,573.44</u>	95.7060	<u>369,752.70</u>	<u>820.74-</u>
386,342.240	TOTAL GOVT NATL MTG ASSN 2.500% 1/16/49		370,573.44		369,752.70	820.74-
	GOVT NATL MTG ASSN SER 2018-26 CL AD *15 DAY DELAY* DTD 02/01/18 2.500 03/16/2052 CUSIP 38380JPZ5					
<u>287,187.530</u>	ALLISON TRANS-RYAN LABS	95.6562	<u>274,712.82</u>	95.2020	<u>273,408.27</u>	<u>1,304.55-</u>
287,187.530	TOTAL GOVT NATL MTG ASSN 2.500% 3/16/52		274,712.82		273,408.27	1,304.55-
	GOVT NATL MTG ASSN SER 2017-44 CL B *15 DAY DELAY* DTD 03/01/17 2.600 04/17/2050 CUSIP 38379RP00					
<u>200,000.000</u>	ALLISON TRANS-RYAN LABS	92.5750	<u>185,150.00</u>	85.3690	<u>170,738.00</u>	<u>14,412.00-</u>
200,000.000	TOTAL GOVT NATL MTG ASSN 2.600% 4/17/50		185,150.00		170,738.00	14,412.00-

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		UNIT COST	TOTAL COST	UNIT PRICE	TOTAL MARKET	
	GOVT NATL MTG ASSN SER 2017-41 CL B *15 DAY DELAY* DTD 03/01/17 2.600 06/16/2057 CUSIP 38379RPC1					
<u>180,000.000</u>	ALLISON TRANS-RYAN LABS	83.7600	<u>150,768.00</u>	86.2800	<u>155,304.00</u>	<u>4,536.00</u>
180,000.000	TOTAL GOVT NATL MTG ASSN 2.600% 6/16/57		150,768.00		155,304.00	4,536.00
	GOVT NATL MTG ASSN SER 2017-106 CL AE *15 DAY DELAY* DTD 07/01/17 2.600 12/16/2056 CUSIP 38379RT37					
<u>280,000.000</u>	ALLISON TRANS-RYAN LABS	92.3633	<u>258,617.19</u>	86.5560	<u>242,356.80</u>	<u>16,260.39-</u>
280,000.000	TOTAL GOVT NATL MTG ASSN 2.600% 12/16/56		258,617.19		242,356.80	16,260.39-
	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	97.1660	<u>349,797.60</u>	94.3680	<u>339,724.80</u>	<u>10,072.80-</u>
360,000.000	TOTAL JP MORGAN CHASE CO 3.80685% 9/15/50		349,797.60		339,724.80	10,072.80-
	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>275,000.000</u>	ALLISON TRANS-RYAN LABS	100.6500	<u>276,787.50</u>	95.2670	<u>261,984.25</u>	<u>14,803.25-</u>
275,000.000	TOTAL MORGAN STANLEY CAPIT 3.282% 11/15/49		276,787.50		261,984.25	14,803.25-
	CSAIL COMMERCIAL MORTGAGE TRUS SER 2015-C3 CL B *14 DAY DELAY* DTD 08/01/15 08/15/2048 CUSIP 12635FAY0					
<u>400,000.000</u>	ALLISON TRANS-RYAN LABS	102.7812	<u>411,125.00</u>	99.1900	<u>396,760.00</u>	<u>14,365.00-</u>
400,000.000	TOTAL VR CSAIL COMMERCIA 4.25165% 8/15/48		411,125.00		396,760.00	14,365.00-

ASSET DETAIL REVALUED COST
 AS OF SEPTEMBER 30, 2018

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	
380,000.000	FED HOME LN MTG CORP SER 2016-K53 CL C *24 DAY DELAY* 144A PRIV PLCMT 03/25/2049 CUSIP 30288LA06	96.3945	366,299.22	96.7620	367,695.60	1,396.38
380,000.000	ALLISON TRANS-RYAN LABS TOTAL VR FED HOME LN MTG 4.1562% 3/25/49		366,299.22		367,695.60	1,396.38
420,000.000	FREMF MORTGAGE TRUST SER 2016-K60 CL C *24 DAY DELAY* 144A PRIV PLCMT 12/25/2049 CUSIP 302947AG1	92.2422	387,417.19	91.7260	385,249.20	2,167.99-
420,000.000	ALLISON TRANS-RYAN LABS TOTAL VR FREMF MORTGAGE 3.65296% 12/25/49		387,417.19		385,249.20	2,167.99-
440,000.000	FREMF MORTGAGE TRUST SER 2017-K729 CL B *24 DAY DELAY* 144A PRIV PLCMT 11/25/2049 CUSIP 30306HAS9	97.8281	430,443.75	96.7460	425,682.40	4,761.35-
440,000.000	ALLISON TRANS-RYAN LABS TOTAL VR FREMF MORTGAGE 3.80053% 11/25/49		430,443.75		425,682.40	4,761.35-
370,000.000	FREMF MORTGAGE TRUST SER 2016-K55 CL C *24 DAY DELAY* 144A PRIV PLCMT 04/25/2049 CUSIP 30289HAG6	95.8440	354,622.80	95.5810	353,649.70	973.10-
370,000.000	ALLISON TRANS-RYAN LABS TOTAL VR FREMF MORTGAGE 4.29504% 4/25/49		354,622.80		353,649.70	973.10-
300,000.000	GOVT NATL MTG ASSN SER 2015-73 CL ME *15 DAY DELAY* DTD 05/01/15 11/16/2055 CUSIP 38379KMN5	94.0550	282,165.00	89.4040	268,212.00	13,953.00-
300,000.000	ALLISON TRANS-RYAN LABS TOTAL VR GOVT NATL MTG AS 3.000% 11/16/55		282,165.00		268,212.00	13,953.00-

ASSET DETAIL REVALUED COST
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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	
	JP MORGAN CHASE COMMERCIAL MOR SER 2016-NINE CL A *5 DAY DELAY* 144A PRIV PLCMT 10/06/2038 CUSIP 46646GAA5					
460,000.000	ALLISON TRANS-RYAN LABS	98.2310	451,862.60	93.7100	431,066.00	20,796.60-
460,000.000	TOTAL VR JP MORGAN CHASE 2.8541% 10/06/38		451,862.60		431,066.00	20,796.60-
	SFAVE COMMERCIAL MORTGAGE SECU SER 2015-5AVE CL B *4 DAY DELAY* 144A PRIV PLCMT 01/05/2035 CUSIP 78413MAL2					
410,000.000	ALLISON TRANS-RYAN LABS	94.6510	388,069.10	93.8720	384,875.20	3,193.90-
410,000.000	TOTAL VR SFAVE COMMERCIA 4.38801% 1/05/35		388,069.10		384,875.20	3,193.90-
	WELLS FARGO COMMERCIAL MORTGAG SER 2016-LC25 CL B *14 DAY DELAY* DTD 12/01/16 4.437 12/15/2059 CUSIP 95000JBA5					
95,000.000	ALLISON TRANS-RYAN LABS	103.9900	98,790.50	101.3120	96,246.40	2,544.10-
95,000.000	TOTAL WELLS FARGO COMMERC 4.4367% 12/15/59		98,790.50		96,246.40	2,544.10-
	WELLS FARGO COMMERCIAL MORTGAG SER 2017-C39 CL C *14 DAY DELAY* DTD 08/01/17 4.118 09/15/2050 CUSIP 95000XAL1					
240,000.000	ALLISON TRANS-RYAN LABS	98.7630	237,031.20	95.9470	230,272.80	6,758.40-
240,000.000	TOTAL WELLS FARGO COMMERC 4.118% 9/15/50		237,031.20		230,272.80	6,758.40-
	TOTAL MORTGAGE BACKED OBLIGATION		5,494,421.11		5,371,209.02	123,212.09-
	PRIVATE PLACEMENT					
	AVIATION CAPITAL GROUP 144A PRIV PLCMT 3.875 05/01/2023 CUSIP 05369AAC5					
400,000.000	ALLISON TRANS-RYAN LABS	100.3370	401,348.00	98.9490	395,796.00	5,552.00-
400,000.000	TOTAL P/P AVIATION CAPITAL 3.875% 5/01/23		401,348.00		395,796.00	5,552.00-

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	
	ELECTRICITE DE FRANCE SA 144A PRIV PLCMT 4.950 10/13/2045 CUSIP 268317AQ7					
165,000.000	ALLISON TRANS-RYAN LABS	110.5530	182,412.45	97.9640	161,640.60	20,771.85-
165,000.000	TOTAL P/P ELECTRICITE DE 4.950% 10/13/45		182,412.45		161,640.60	20,771.85-
	ENEL FINANCE INTL NV 144A PRIV PLCMT 3.500 04/06/2028 CUSIP 29278GAF5					
340,000.000	ALLISON TRANS-RYAN LABS	98.7620	335,790.80	88.0240	299,281.60	36,509.20-
340,000.000	TOTAL P/P ENEL FINANCE INT 3.500% 4/06/28		335,790.80		299,281.60	36,509.20-
	HYUNDAI CAPITAL AMERICA 144A PRIV PLCMT 3.000 10/30/2020 CUSIP 44891AAD9					
255,000.000	ALLISON TRANS-RYAN LABS	100.1020	255,260.10	98.4450	251,034.75	4,225.35-
255,000.000	TOTAL P/P HYUNDAI CAPITAL 3.000% 10/30/20		255,260.10		251,034.75	4,225.35-
	MET LIFE GLOB FUNDING I 144A PRIV PLCMT 3.000 01/10/2023 CUSIP 59217GAX7					
395,000.000	ALLISON TRANS-RYAN LABS	101.6240	401,414.80	97.9530	386,914.35	14,500.45-
395,000.000	TOTAL P/P MET LIFE GLOB FU 3.000% 1/10/23		401,414.80		386,914.35	14,500.45-
	ROCHE HOLDING INC 144A PRIV PLCMT 3.350 09/30/2024 CUSIP 771196BE1					
450,000.000	ALLISON TRANS-RYAN LABS	103.6590	466,465.50	99.0620	445,779.00	20,686.50-
450,000.000	TOTAL P/P ROCHE HOLDING IN 3.350% 9/30/24		466,465.50		445,779.00	20,686.50-
	SIEMENS FINANCIERINGSMAT 144A PRIV PLCMT 3.400 03/16/2027 CUSIP 82620KAU7					
665,000.000	ALLISON TRANS-RYAN LABS	102.8910	684,225.15	97.2100	646,446.50	37,778.65-
665,000.000	TOTAL P/P SIEMENS FINANCIE 3.400% 3/16/27		684,225.15		646,446.50	37,778.65-

**ASSET DETAIL REVALUED COST
AS OF SEPTEMBER 30, 2018**

**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	
	SPRINT SPECTRUM / SPEC I 144A PRIV PLCMT 3.360 03/20/2023 CUSIP 85208NAA8					
378,750.000	ALLISON TRANS-RYAN LABS	101.5000	384,431.24	99.6250	377,329.69	7,101.55-
378,750.000	TOTAL P/P SPRINT SPECTRUM 3.360% 3/20/23		384,431.24		377,329.69	7,101.55-
	TOTAL PRIVATE PLACEMENT		3,111,348.04		2,964,222.49	147,125.55-
	TOTAL BONDS & NOTES		81,774,440.58		78,720,087.75	3,054,352.83-
	MUTUAL FUNDS					
	MUTUAL FUNDS- EQUITY					
	BLACKSTONE ALTERNATIVE MULTI-STRATEGY FUND CLASS I CUSIP 09257V201					
185,987.649	ALLISON HOURLY MUTUAL FUNDS	10.8769	2,022,960.74	10.8500	2,017,965.99	4,994.75-
185,987.649	TOTAL BLACKSTONE ALT MULTI-STRAT-I		2,022,960.74		2,017,965.99	4,994.75-
	DFA EMERGING MARKETS CORE EQUITY FUND CLASS I #5272 CUSIP 233203421					
39,814.790	ALLISON HOURLY MUTUAL FUNDS	21.6800	863,185.24	20.7000	824,166.15	39,019.09-
39,814.790	TOTAL DFA EMERG MKTS CORE EQTY FD I #5272		863,185.24		824,166.15	39,019.09-
	EATON VANCE ATLANTA CAPITAL SMID-CAP FUND CLASS R6 #1016 CUSIP 277902235					
85,380.891	ALLISON HOURLY MUTUAL FUNDS	32.1887	2,748,299.06	38.2000	3,261,550.04	513,250.98
85,380.891	TOTAL EATON VANCE-ATLANTA SMID-R6 #1016		2,748,299.06		3,261,550.04	513,250.98
	HARTFORD INTERNATIONAL OPPORTUNITIES FUND CLASS Y CUSIP 416645885					
158,033.370	ALLISON HOURLY MUTUAL FUNDS	18.0059	2,845,534.97	17.0500	2,694,468.96	151,066.01-
158,033.370	TOTAL HARTFORD INTL OPPORT-Y		2,845,534.97		2,694,468.96	151,066.01-



Allison Transmission Hourly-Rate Employees Pension Plan (EIN/PN: 26-0413897/004)
Attachments to Schedule H (2017 Form 5500)
Schedule H, Line 4i - Schedule of Assets (Held At End of Year)

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ASSET DETAIL REVALUED COST
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ALLISON HOURLY CONSOLIDATED
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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	
	PIMCO COMMODITY REAL RETURN STRATEGY FUND-CLASS I #45 CUSIP 722005667					
<u>134,454.166</u>	ALLISON HOURLY MUTUAL FUNDS	6.5698	<u>883,332.08</u>	6.4000	<u>860,506.66</u>	<u>22,825.42-</u>
134,454.166	TOTAL PIMCO COMMODITY REAL RET STRAT-I#45		883,332.08		860,506.66	22,825.42-
	PRINCIPAL INVESTORS REAL ESTATE SECURITIES INSTL FUND #4934 CUSIP 742530580					
<u>41,529.100</u>	ALLISON HOURLY MUTUAL FUNDS	23.4176	<u>972,511.67</u>	23.9400	<u>994,206.65</u>	<u>21,694.98</u>
41,529.100	TOTAL PRINCIPAL INV R/E SEC-IS FUND 4934		972,511.67		994,206.65	21,694.98
	TOTAL MUTUAL FUNDS- EQUITY		10,335,823.76		10,652,864.45	317,040.69
	TOTAL MUTUAL FUNDS		10,335,823.76		10,652,864.45	317,040.69
	TOTAL ASSETS AND LIABILITIES		97,261,667.17		95,138,984.73	2,122,682.44-
	ACCRUED INCOME		576,106.12		576,106.12	
	NET ADJUSTED ASSETS		<u>97,837,773.29</u>		<u>95,715,090.85</u>	<u>2,122,682.44-</u>

Schedule SB, line 24 — Change in Actuarial Assumptions

- Expense normal cost was updated from \$320,000 to \$310,000 to reflect our expectations for the current plan year.