

# Results

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November 19, 2020

## 1 General Informations

Platform: ROOT-Sim.

Run type: serial.

Number of elements in the topology: 280.

Number of LPs used in the simulation: 4.

Simulation duration: 704.814 seconds seconds.

Memory usage: 19.13 MB.

Not all elements reached stability, in their sections it will be highlited!

### 1.1 Topology Informations

There is one Central node, between the Central node and the Regional layer there is one WAN. Between each regional and its Locals there is a WAN.

There are 4 regional nodes.In total 30 local nodes.

In total there are 180 sensors and 30 actuators.

## 2 Detailed view

### 2.1 Central node 0

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097508.986351.

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
S	0.033		0.165		0.0165		0.066		0.2805			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total	t	e	c	b	total		
$\lambda$	2.52	0.2041	0	0.04788	2.772	2.519	0.2041	0	0.04784	2.771	$\lambda$	
D	0.033	0.165	0	0.066	0.264	0.033	0.1649	0	0.06595	0.2639	D	
N	0.0945	0.03827	0	0.003591	0.1364	0.1156	0.03521	0	0.003567	0.1544	N	
U	0.08316	0.03368	0	0.00316	0.12	0.08313	0.03367	0	0.003155	0.12	U	
RA	0.0375	0.1875	0	0.075	0.3	0.03809	0.1904	0	0.07614	0.3046	RA	
RB	0.04267	0.1747	0	0.07567	0.293	0.04589	0.1725	0	0.07456	0.293	RB	

## 2.2 Central storage of Node 0

Given Parameters												
	t		e		c		b		total			
S	0.033		0.73		0		0.23		0.993			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total	t	e	c	b	total		
$\lambda$	2.52	0.1837	0	0.06829	2.772	2.519	0.1837	0	0.06827	2.771	$\lambda$	
D	0.033	0.73	0	0.23	0.993	0.033	0.7299	0	0.2298	0.9927	D	
N	0.1084	0.1748	0	0.02048	0.3037	0.551	0.155	0	0.02476	0.7308	N	
U	0.08316	0.1341	0	0.01571	0.233	0.08314	0.1341	0	0.01569	0.2329	U	
RA	0.04302	0.9517	0	0.2999	1.295	0.05711	1.263	0	0.3977	1.718	RA	
RB	0.1689	0.8659	0	0.3659	1.401	0.2187	0.844	0	0.3627	1.425	RB	

## 2.3 Regional node 1

This element **didn't** reach stability in the simulation!

This regional node of Type0 has in its subtree:

- 2 local nodes of type Type0

This element finished the simulation at simulation time: 50097508.326162.

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
S	0.33		1.65		0.165		0.66		2.805			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total	t	e	c	b	total		
$\lambda$	0.168	0.01512	0.001361	0.00168	0.1862	0.1679	0.01511	0.001357	0.00168	0.1861	$\lambda$	
D	0.33	3.135	0.165	0.66	4.29	0.33	3.136	0.1648	0.6612	4.292	D	
N	0.06189	0.05291	0.000251	0.001238	0.1163	0.08077	0.05055	0.000523	0.001266	0.1331	N	
U	0.05544	0.0474	0.000225	0.001109	0.1042	0.05541	0.04739	0.000224	0.001111	0.1041	U	
RA	0.3684	3.5	0.1842	0.7368	4.789	0.3739	3.554	0.1867	0.7492	4.863	RA	
RB	0.5172	3.322	0.3522	0.8472	5.039	0.4809	3.345	0.3857	0.7537	4.966	RB	

## 2.4 Regional node 2

This element **didn't** reach stability in the simulation!

This regional node of Type0 has in its subtree:

- 4 local nodes of type Type0

This element finished the simulation at simulation time: 50097508.431699.

Given Parameters											
	t		e		c		b		total		
aggr	1		1		1		1		4		
S	0.33		1.65		0.165		0.66		2.805		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.336	0.03024	0.002722	0.00336	0.3723	0.3358	0.03023	0.002728	0.003371	0.3722	$\lambda$
D	0.33	3.135	0.165	0.66	4.29	0.33	3.139	0.1659	0.6589	4.294	D
N	0.1401	0.1198	0.000567	0.002801	0.2632	0.2103	0.1101	0.001739	0.003012	0.3251	N
U	0.1109	0.0948	0.000449	0.002218	0.2083	0.1108	0.0949	0.000453	0.002222	0.2084	U
RA	0.4168	3.96	0.2084	0.8337	5.419	0.4373	4.16	0.2198	0.8732	5.69	RA
RB	0.7536	3.559	0.5886	1.084	5.984	0.6261	3.642	0.6375	0.8934	5.799	RB

## 2.5 Regional node 3

This element **didn't** reach stability in the simulation!

This regional node of Type0 has in its subtree:

- 8 local nodes of type Type0

This element finished the simulation at simulation time: 50097508.374329.

Given Parameters											
	t		e		c		b		total		
aggr	1		1		1		1		4		
S	0.33		1.65		0.165		0.66		2.805		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.672	0.06048	0.005443	0.00672	0.7446	0.6718	0.06055	0.00546	0.006707	0.7445	$\lambda$
D	0.33	3.135	0.165	0.66	4.29	0.3301	3.135	0.1648	0.6605	4.291	D
N	0.3802	0.3251	0.00154	0.007604	0.7144	0.7288	0.2767	0.00711	0.008909	1.022	N
U	0.2218	0.1896	0.000898	0.004435	0.4167	0.2218	0.1898	0.0009	0.00443	0.417	U
RA	0.5657	5.375	0.2829	1.131	7.355	0.6673	6.338	0.3332	1.335	8.674	RA
RB	1.48	4.285	1.315	1.81	8.889	1.085	4.57	1.302	1.328	8.285	RB

## 2.6 Regional node 4

This element **didn't** reach stability in the simulation!

This regional node of Type0 has in its subtree:

- 16 local nodes of type Type0

This element finished the simulation at simulation time: 50097508.549417.

Given Parameters											
	t		e		c		b		total		
aggr	1		1		1		1		4		
S	0.33		1.65		0.165		0.66		2.805		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
λ	1.344	0.121	0.01089	0.01344	1.489	1.344	0.1209	0.01089	0.01344	1.489	λ
D	0.33	3.135	0.165	0.66	4.29	0.33	3.133	0.1651	0.6595	4.288	D
N	2.662	2.276	0.01078	0.05324	5.002	7.479	1.599	0.067	0.07684	9.222	N
U	0.4435	0.3792	0.001796	0.00887	0.8334	0.4434	0.3787	0.001798	0.008866	0.8328	U
RA	1.981	18.82	0.9904	3.961	25.75	3.373	32.03	1.687	6.741	43.83	RA
RB	8.381	11.19	8.216	8.711	36.49	5.566	13.23	6.153	5.716	30.66	RB

## 2.7 Local node 5

This element **didn't** reach stability in the simulation!

This node is of : Type0

This element finished the simulation at simulation time: 50097507.698027.

This node has the same defining characteristics as these other nodes: **6**;

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
S	1.65		8.15		0.815		3.3		13.91			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total	t	e	c	b	total		
$\lambda$	0.084	0.0084	0.001436	0	0.09384	0.08397	0.008395	0.00143	0	0.09379	$\lambda$	
D	1.65	15.48	0.815	0	17.95	1.651	15.48	0.8155	0	17.94	D	
N	0.1898	0.1781	0.001603	0	0.3696	0.2902	0.162	0.006996	0	0.4591	N	
U	0.1386	0.1301	0.001171	0	0.2698	0.1386	0.1299	0.001166	0	0.2697	U	
RA	2.26	21.21	1.116	0	24.58	2.408	22.58	1.19	0	26.18	RA	
RB	4.723	18.56	3.888	0	27.17	3.456	19.29	4.893	0	27.64	RB	

## 2.8 Local node 7

This element **didn't** reach stability in the simulation!

This node is of : Type0

This element finished the simulation at simulation time: 50097507.652128.

This node has the same defining characteristics as these other nodes: **8; 9; 10;**

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
S	1.65		8.15		0.815		3.3		13.91			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total		t	e	c	b	total	
$\lambda$	0.084	0.0084	0.001436	0	0.09384		0.08396	0.008401	0.001436	0	0.0938	$\lambda$
D	1.65	15.48	0.815	0	17.95		1.65	15.47	0.8164	0	17.94	D
N	0.1898	0.1781	0.001603	0	0.3696		0.2896	0.1619	0.005492	0	0.457	N
U	0.1386	0.1301	0.001171	0	0.2698		0.1385	0.13	0.001173	0	0.2696	U
RA	2.26	21.21	1.116	0	24.58		2.404	22.54	1.189	0	26.13	RA
RB	4.723	18.56	3.888	0	27.17		3.449	19.27	3.823	0	26.55	RB

## 2.9 Local node 11

This element **didn't** reach stability in the simulation!

This node is of : Type0

This element finished the simulation at simulation time: 50097488.025979.

This node has the same defining characteristics as these other nodes: **12; 13; 14; 15; 16; 17; 18;**

Given Parameters												
	t		e		c		b		total			
aggr	1		1		1		1		4			
S	1.65		8.15		0.815		3.3		13.91			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total	t	e	c	b	total		
$\lambda$	0.084	0.0084	0.001436	0	0.09384	0.08398	0.008407	0.001438	0	0.09382	$\lambda$	
D	1.65	15.48	0.815	0	17.95	1.65	15.49	0.8151	0	17.96	D	
N	0.1898	0.1781	0.001603	0	0.3696	0.29	0.1621	0.004704	0	0.4568	N	
U	0.1386	0.1301	0.001171	0	0.2698	0.1386	0.1302	0.001172	0	0.27	U	
RA	2.26	21.21	1.116	0	24.58	2.404	22.57	1.187	0	26.16	RA	
RB	4.723	18.56	3.888	0	27.17	3.453	19.28	3.272	0	26.01	RB	

## 2.10 Local node 19

This element **didn't** reach stability in the simulation!

This node is of : Type0

This element finished the simulation at simulation time: 50097504.645268.

This node has the same defining characteristics as these other nodes: **20; 21; 22; 23; 24; 25; 26; 27; 28; 29; 30; 31; 32; 33; 34;**

Given Parameters											
	t		e		c		b		total		
aggr	1		1		1		1		4		
S	1.65		8.15		0.815		3.3		13.91		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0.001436	0	0.09384	0.08399	0.008395	0.001435	0	0.09382	$\lambda$
D	1.65	15.49	0.815	0	17.95	1.65	15.49	0.8166	0	17.95	D
N	0.1898	0.1781	0.001603	0	0.3696	0.2887	0.1603	0.004182	0	0.4532	N
U	0.1386	0.1301	0.001171	0	0.2698	0.1386	0.13	0.001172	0	0.2698	U
RA	2.26	21.21	1.116	0	24.58	2.398	22.51	1.187	0	26.09	RA
RB	4.723	18.56	3.888	0	27.17	3.437	19.1	2.913	0	25.45	RB

## 2.11 Actuator 41

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097385.312282.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002273	0	0.002273	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6031	0	0.6031	D
N	0	0	0.001368	0	0.001368	0	0	0.001374	0	0.001374	N
U	0	0	0.001366	0	0.001366	0	0	0.001371	0	0.001371	U
RA	0	0	0.6008	0	0.6008	0	0	0.6039	0	0.6039	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6046	0	0.6046	RB

## 2.12 Actuator 48

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097437.695808.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002266	0	0.002266	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6033	0	0.6033	D
N	0	0	0.001368	0	0.001368	0	0	0.001371	0	0.001371	N
U	0	0	0.001366	0	0.001366	0	0	0.001367	0	0.001367	U
RA	0	0	0.6008	0	0.6008	0	0	0.6041	0	0.6041	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6048	0	0.6048	RB

## 2.13 Actuator 55

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097212.998281.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002268	0	0.002268	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5982	0	0.5982	D
N	0	0	0.001368	0	0.001368	0	0	0.00136	0	0.00136	N
U	0	0	0.001366	0	0.001366	0	0	0.001357	0	0.001357	U
RA	0	0	0.6008	0	0.6008	0	0	0.5991	0	0.5991	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5996	0	0.5996	RB

## 2.14 Actuator 62

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097457.404985.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.00228	0	0.00228	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6006	0	0.6006	D
N	0	0	0.001368	0	0.001368	0	0	0.001373	0	0.001373	N
U	0	0	0.001366	0	0.001366	0	0	0.001369	0	0.001369	U
RA	0	0	0.6008	0	0.6008	0	0	0.6014	0	0.6014	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6019	0	0.6019	RB

## 2.15 Actuator 69

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097198.192224.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002274	0	0.002274	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6024	0	0.6024	D
N	0	0	0.001368	0	0.001368	0	0	0.001373	0	0.001373	N
U	0	0	0.001366	0	0.001366	0	0	0.00137	0	0.00137	U
RA	0	0	0.6008	0	0.6008	0	0	0.6032	0	0.6032	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6037	0	0.6037	RB



## 2.16 Actuator 76

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097495.562323.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002295	0	0.002295	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5999	0	0.5999	D
N	0	0	0.001368	0	0.001368	0	0	0.001381	0	0.001381	N
U	0	0	0.001366	0	0.001366	0	0	0.001377	0	0.001377	U
RA	0	0	0.6008	0	0.6008	0	0	0.6007	0	0.6007	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6015	0	0.6015	RB

## 2.17 Actuator 83

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097294.471884.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002285	0	0.002285	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5984	0	0.5984	D
N	0	0	0.001368	0	0.001368	0	0	0.00137	0	0.00137	N
U	0	0	0.001366	0	0.001366	0	0	0.001367	0	0.001367	U
RA	0	0	0.6008	0	0.6008	0	0	0.5992	0	0.5992	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5999	0	0.5999	RB

## 2.18 Actuator 90

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097481.549602.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5993	0	0.5993	D
N	0	0	0.001368	0	0.001368	0	0	0.001368	0	0.001368	N
U	0	0	0.001366	0	0.001366	0	0	0.001364	0	0.001364	U
RA	0	0	0.6008	0	0.6008	0	0	0.6001	0	0.6001	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6009	0	0.6009	RB

## 2.19 Actuator 97

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097318.840365.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002278	0	0.002278	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6014	0	0.6014	D
N	0	0	0.001368	0	0.001368	0	0	0.001373	0	0.001373	N
U	0	0	0.001366	0	0.001366	0	0	0.00137	0	0.00137	U
RA	0	0	0.6008	0	0.6008	0	0	0.6022	0	0.6022	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6029	0	0.6029	RB

## 2.20 Actuator 104

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097480.497174.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002274	0	0.002274	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5993	0	0.5993	D
N	0	0	0.001368	0	0.001368	0	0	0.001367	0	0.001367	N
U	0	0	0.001366	0	0.001366	0	0	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.6001	0	0.6001	RA
RB	0	0	0.6008	0	0.6008	0	0	0.601	0	0.601	RB

## 2.21 Actuator 111

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097225.365437.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5997	0	0.5997	D
N	0	0	0.001368	0	0.001368	0	0	0.001366	0	0.001366	N
U	0	0	0.001366	0	0.001366	0	0	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.6005	0	0.6005	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6011	0	0.6011	RB

## 2.22 Actuator 118

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097136.85179.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002278	0	0.002278	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.596	0	0.596	D
N	0	0	0.001368	0	0.001368	0	0	0.001361	0	0.001361	N
U	0	0	0.001366	0	0.001366	0	0	0.001357	0	0.001357	U
RA	0	0	0.6008	0	0.6008	0	0	0.5968	0	0.5968	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5974	0	0.5974	RB

## 2.23 Actuator 125

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097287.559252.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002269	0	0.002269	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5982	0	0.5982	D
N	0	0	0.001368	0	0.001368	0	0	0.001361	0	0.001361	N
U	0	0	0.001366	0	0.001366	0	0	0.001357	0	0.001357	U
RA	0	0	0.6008	0	0.6008	0	0	0.599	0	0.599	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5998	0	0.5998	RB

## 2.24 Actuator 132

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097470.674902.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6026	0	0.6026	D
N	0	0	0.001368	0	0.001368	0	0	0.001376	0	0.001376	N
U	0	0	0.001366	0	0.001366	0	0	0.001372	0	0.001372	U
RA	0	0	0.6008	0	0.6008	0	0	0.6035	0	0.6035	RA
RB	0	0	0.6008	0	0.6008	0	0	0.604	0	0.604	RB

## 2.25 Actuator 139

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097405.415241.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002281	0	0.002281	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6024	0	0.6024	D
N	0	0	0.001368	0	0.001368	0	0	0.001378	0	0.001378	N
U	0	0	0.001366	0	0.001366	0	0	0.001374	0	0.001374	U
RA	0	0	0.6008	0	0.6008	0	0	0.6032	0	0.6032	RA
RB	0	0	0.6008	0	0.6008	0	0	0.604	0	0.604	RB

## 2.26 Actuator 146

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097240.662111.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002267	0	0.002267	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5985	0	0.5985	D
N	0	0	0.001368	0	0.001368	0	0	0.00136	0	0.00136	N
U	0	0	0.001366	0	0.001366	0	0	0.001357	0	0.001357	U
RA	0	0	0.6008	0	0.6008	0	0	0.5993	0	0.5993	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5999	0	0.5999	RB

## 2.27 Actuator 153

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097423.65566.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5988	0	0.5988	D
N	0	0	0.001368	0	0.001368	0	0	0.001366	0	0.001366	N
U	0	0	0.001366	0	0.001366	0	0	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.5997	0	0.5997	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6003	0	0.6003	RB

## 2.28 Actuator 160

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097403.415221.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.00228	0	0.00228	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5974	0	0.5974	D
N	0	0	0.001368	0	0.001368	0	0	0.001366	0	0.001366	N
U	0	0	0.001366	0	0.001366	0	0	0.001362	0	0.001362	U
RA	0	0	0.6008	0	0.6008	0	0	0.5982	0	0.5982	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5991	0	0.5991	RB

## 2.29 Actuator 167

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097418.165885.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002289	0	0.002289	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5991	0	0.5991	D
N	0	0	0.001368	0	0.001368	0	0	0.001375	0	0.001375	N
U	0	0	0.001366	0	0.001366	0	0	0.001372	0	0.001372	U
RA	0	0	0.6008	0	0.6008	0	0	0.5999	0	0.5999	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6006	0	0.6006	RB

### 2.30 Actuator 174

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097470.44952.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002267	0	0.002267	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6008	0	0.6008	D
N	0	0	0.001368	0	0.001368	0	0	0.001365	0	0.001365	N
U	0	0	0.001366	0	0.001366	0	0	0.001362	0	0.001362	U
RA	0	0	0.6008	0	0.6008	0	0	0.6016	0	0.6016	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6022	0	0.6022	RB

### 2.31 Actuator 181

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097377.617612.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002281	0	0.002281	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6018	0	0.6018	D
N	0	0	0.001368	0	0.001368	0	0	0.001376	0	0.001376	N
U	0	0	0.001366	0	0.001366	0	0	0.001373	0	0.001373	U
RA	0	0	0.6008	0	0.6008	0	0	0.6027	0	0.6027	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6032	0	0.6032	RB



### 2.32 Actuator 188

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50096968.771278.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002282	0	0.002282	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5972	0	0.5972	D
N	0	0	0.001368	0	0.001368	0	0	0.001366	0	0.001366	N
U	0	0	0.001366	0	0.001366	0	0	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.598	0	0.598	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5985	0	0.5985	RB

### 2.33 Actuator 195

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097509.0.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6013	0	0.6013	D
N	0	0	0.001368	0	0.001368	0	0	0.001372	0	0.001372	N
U	0	0	0.001366	0	0.001366	0	0	0.001368	0	0.001368	U
RA	0	0	0.6008	0	0.6008	0	0	0.6021	0	0.6021	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6028	0	0.6028	RB

### 2.34 Actuator 202

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097392.588113.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5988	0	0.5988	D
N	0	0	0.001368	0	0.001368	0	0	0.001363	0	0.001363	N
U	0	0	0.001366	0	0.001366	0	0	0.00136	0	0.00136	U
RA	0	0	0.6008	0	0.6008	0	0	0.5997	0	0.5997	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6004	0	0.6004	RB

### 2.35 Actuator 209

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097214.620464.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6005	0	0.6005	D
N	0	0	0.001368	0	0.001368	0	0	0.001367	0	0.001367	N
U	0	0	0.001366	0	0.001366	0	0	0.001364	0	0.001364	U
RA	0	0	0.6008	0	0.6008	0	0	0.6013	0	0.6013	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6019	0	0.6019	RB

### 2.36 Actuator 216

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097406.952072.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002281	0	0.002281	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5974	0	0.5974	D
N	0	0	0.001368	0	0.001368	0	0	0.001366	0	0.001366	N
U	0	0	0.001366	0	0.001366	0	0	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.5983	0	0.5983	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5989	0	0.5989	RB

### 2.37 Actuator 223

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097500.978746.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5979	0	0.5979	D
N	0	0	0.001368	0	0.001368	0	0	0.001365	0	0.001365	N
U	0	0	0.001366	0	0.001366	0	0	0.001362	0	0.001362	U
RA	0	0	0.6008	0	0.6008	0	0	0.5987	0	0.5987	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5995	0	0.5995	RB

### 2.38 Actuator 230

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097226.875809.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002267	0	0.002267	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.5982	0	0.5982	D
N	0	0	0.001368	0	0.001368	0	0	0.001359	0	0.001359	N
U	0	0	0.001366	0	0.001366	0	0	0.001356	0	0.001356	U
RA	0	0	0.6008	0	0.6008	0	0	0.599	0	0.599	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5996	0	0.5996	RB

### 2.39 Actuator 237

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097399.970177.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6003	0	0.6003	D
N	0	0	0.001368	0	0.001368	0	0	0.001369	0	0.001369	N
U	0	0	0.001366	0	0.001366	0	0	0.001366	0	0.001366	U
RA	0	0	0.6008	0	0.6008	0	0	0.6011	0	0.6011	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6016	0	0.6016	RB

## 2.40 Actuator 244

This element **didn't** reach stability in the simulation!

This actuator is of Type0

This element finished the simulation at simulation time: 50097445.243993.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.6		0		0.6		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002269	0	0.002269	$\lambda$
D	0	0	0.6	0	0.6	0	0	0.6025	0	0.6025	D
N	0	0	0.001368	0	0.001368	0	0	0.00137	0	0.00137	N
U	0	0	0.001366	0	0.001366	0	0	0.001367	0	0.001367	U
RA	0	0	0.6008	0	0.6008	0	0	0.6033	0	0.6033	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6038	0	0.6038	RB

## 2.41 Lan IN 250

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097505.763038.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002273	0	0.002273	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01	0	0.01	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01	0	0.01	RA
RB	0	0	0.01	0	0.01	0	0	0.01001	0	0.01001	RB

## 2.42 Lan OUT 250

Given Parameters											
	t	e	c	b	total						
S	0.02	0.02	0	0	0.04						
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08398	0.008382	0	0	0.09236	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.02006	0	0	0.04007	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000168	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.0201	0	0	0.04014	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.0201	0	0	0.04014	RB

## 2.43 Lan IN 251

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097456.542033.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002266	0	0.002266	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01004	0	0.01004	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01004	0	0.01004	RA
RB	0	0	0.01	0	0.01	0	0	0.01004	0	0.01004	RB

## 2.44 Lan OUT 251

Given Parameters											
	t	e	c	b	total						
S	0.02	0.02	0	0	0.04						
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08396	0.008408	0	0	0.09237	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.01997	0	0	0.03996	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000168	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02	0	0	0.04003	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02001	0	0	0.04004	RB

## 2.45 Lan IN 252

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097507.522717.

Given Parameters													
	t		e		c		b		total				
S	0		0		0.01		0		0.01				
Computed Parameters													
Analytical Model						Simulated Model							
	t	e	c		b	total	t	e	c		b	total	
$\lambda$	0	0	0.002276		0	0.002276	0	0	0.002268		0	0.002268	$\lambda$
D	0	0	0.01		0	0.01	0	0	0.009982		0	0.009982	D
N	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	N
U	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	U
RA	0	0	0.01		0	0.01	0	0	0.009982		0	0.009982	RA
RB	0	0	0.01		0	0.01	0	0	0.009982		0	0.009982	RB

## 2.46 Lan OUT 252

Given Parameters												
	t		e		c		b		total			
S	0.02		0.02		0		0		0.04			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total	t	e	c	b	total		
$\lambda$	0.084	0.0084	0	0	0.0924	0.08398	0.008418	0	0	0.0924	$\lambda$	
D	0.02	0.02	0	0	0.04	0.02	0.02007	0	0	0.04006	D	
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000169	0	0	0.001851	N	
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000169	0	0	0.001848	U	
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02011	0	0	0.04014	RA	
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.0201	0	0	0.04014	RB	

## 2.47 Lan IN 253

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097495.168523.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.00228	0	0.00228	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009994	0	0.009994	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009994	0	0.009994	RA
RB	0	0	0.01	0	0.01	0	0	0.009995	0	0.009995	RB



## 2.48 Lan OUT 253

Given Parameters											
		t		e		c		b		total	
S		0.02		0.02		0		0		0.04	
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08404	0.008392	0	0	0.09243	$\lambda$
D	0.02	0.02	0	0	0.04	0.02002	0.02001	0	0	0.04003	D
N	0.001683	0.000168	0	0	0.001851	0.001686	0.000168	0	0	0.001854	N
U	0.00168	0.000168	0	0	0.001848	0.001683	0.000168	0	0	0.001851	U
RA	0.02004	0.02004	0	0	0.04007	0.02006	0.02005	0	0	0.04011	RA
RB	0.02004	0.02004	0	0	0.04007	0.02006	0.02005	0	0	0.04011	RB

## 2.49 Lan IN 254

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097500.725658.

Given Parameters													
	t		e		c		b		total				
S	0		0		0.01		0		0.01				
Computed Parameters													
Analytical Model						Simulated Model							
	t	e	c		b	total	t	e	c		b	total	
$\lambda$	0	0	0.002276		0	0.002276	0	0	0.002274		0	0.002274	$\lambda$
D	0	0	0.01		0	0.01	0	0	0.01004		0	0.01004	D
N	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	N
U	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	U
RA	0	0	0.01		0	0.01	0	0	0.01004		0	0.01004	RA
RB	0	0	0.01		0	0.01	0	0	0.01004		0	0.01004	RB

## 2.50 Lan OUT 254

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08393	0.008389	0	0	0.09232	$\lambda$
D	0.02	0.02	0	0	0.04	0.02003	0.02001	0	0	0.04004	D
N	0.001683	0.000168	0	0	0.001851	0.001684	0.000168	0	0	0.001852	N
U	0.00168	0.000168	0	0	0.001848	0.001681	0.000168	0	0	0.001849	U
RA	0.02004	0.02004	0	0	0.04007	0.02007	0.02005	0	0	0.04011	RA
RB	0.02004	0.02004	0	0	0.04007	0.02007	0.02004	0	0	0.04011	RB

## 2.51 Lan IN 255

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097506.011677.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002295	0	0.002295	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009993	0	0.009993	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009993	0	0.009993	RA
RB	0	0	0.01	0	0.01	0	0	0.009994	0	0.009994	RB

## 2.52 Lan OUT 255

Given Parameters											
		t		e		c		b		total	
S		0.02		0.02		0		0		0.04	
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08389	0.008405	0	0	0.0923	$\lambda$
D	0.02	0.02	0	0	0.04	0.02001	0.02008	0	0	0.04009	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000169	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000169	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02012	0	0	0.04017	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.02011	0	0	0.04016	RB

## 2.53 Lan IN 256

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097484.383753.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002285	0	0.002285	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	RA
RB	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	RB

## 2.54 Lan OUT 256

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08396	0.008393	0	0	0.09236	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.02002	0	0	0.04001	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000168	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02006	0	0	0.04009	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02006	0	0	0.04009	RB

## 2.55 Lan IN 257

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097493.053639.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009997	0	0.009997	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009997	0	0.009997	RA
RB	0	0	0.01	0	0.01	0	0	0.009997	0	0.009997	RB

## 2.56 Lan OUT 257

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08398	0.008404	0	0	0.09238	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000168	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.02002	0	0	0.04006	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.02002	0	0	0.04006	RB

## 2.57 Lan IN 258

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097506.130824.

Given Parameters													
	t		e		c		b		total				
S	0		0		0.01		0		0.01				
Computed Parameters													
Analytical Model						Simulated Model							
	t	e	c		b	total	t	e	c		b	total	
$\lambda$	0	0	0.002276		0	0.002276	0	0	0.002278		0	0.002278	$\lambda$
D	0	0	0.01		0	0.01	0	0	0.009976		0	0.009976	D
N	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	N
U	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	U
RA	0	0	0.01		0	0.01	0	0	0.009976		0	0.009976	RA
RB	0	0	0.01		0	0.01	0	0	0.009977		0	0.009977	RB

## 2.58 Lan OUT 258

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08394	0.00841	0	0	0.09235	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000168	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.02003	0	0	0.04007	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.02003	0	0	0.04007	RB

## 2.59 Lan IN 259

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097501.175234.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002274	0	0.002274	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009998	0	0.009998	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009998	0	0.009998	RA
RB	0	0	0.01	0	0.01	0	0	0.009999	0	0.009999	RB

## 2.60 Lan OUT 259

Given Parameters											
		t	e		c		b		total		
S		0.02	0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08398	0.008404	0	0	0.09238	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.01995	0	0	0.03994	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000168	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.01998	0	0	0.04001	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.01998	0	0	0.04001	RB

## 2.61 Lan IN 260

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097483.695132.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01006	0	0.01006	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01006	0	0.01006	RA
RB	0	0	0.01	0	0.01	0	0	0.01006	0	0.01006	RB

## 2.62 Lan OUT 260

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08404	0.008411	0	0	0.09245	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.02002	0	0	0.04003	D
N	0.001683	0.000168	0	0	0.001851	0.001684	0.000169	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.001681	0.000168	0	0	0.001849	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.02006	0	0	0.0401	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.02006	0	0	0.0401	RB

## 2.63 Lan IN 261

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097487.879471.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002278	0	0.002278	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009988	0	0.009988	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009988	0	0.009988	RA
RB	0	0	0.01	0	0.01	0	0	0.009988	0	0.009988	RB



## 2.64 Lan OUT 261

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08404	0.008415	0	0	0.09246	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.02009	0	0	0.04008	D
N	0.001683	0.000168	0	0	0.001851	0.001684	0.000169	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.001681	0.000169	0	0	0.00185	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02013	0	0	0.04016	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02013	0	0	0.04016	RB

## 2.65 Lan IN 262

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097491.481035.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002269	0	0.002269	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	RA
RB	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	RB

## 2.66 Lan OUT 262

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08389	0.008418	0	0	0.09231	$\lambda$
D	0.02	0.02	0	0	0.04	0.02001	0.02002	0	0	0.04003	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000169	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000169	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02006	0	0	0.0401	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.02005	0	0	0.0401	RB

## 2.67 Lan IN 263

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097506.716595.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002278	0	0.002278	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01004	0	0.01004	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01004	0	0.01004	RA
RB	0	0	0.01	0	0.01	0	0	0.01004	0	0.01004	RB

## 2.68 Lan OUT 263

Given Parameters											
	t	e	c	b	total						
S	0.02	0.02	0	0	0.04						
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.084	0.0084	0	0	0.0924	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.01995	0	0	0.03994	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000168	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02002	0.01999	0	0	0.04001	RA
RB	0.02004	0.02004	0	0	0.04007	0.02002	0.01998	0	0	0.04001	RB

## 2.69 Lan IN 264

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097504.336921.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.00228	0	0.00228	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009995	0	0.009995	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009995	0	0.009995	RA
RB	0	0	0.01	0	0.01	0	0	0.009995	0	0.009995	RB

## 2.70 Lan OUT 264

Given Parameters											
		t	e		c		b		total		
S		0.02	0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08399	0.008392	0	0	0.09238	$\lambda$
D	0.02	0.02	0	0	0.04	0.02001	0.01995	0	0	0.03996	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000167	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.01998	0	0	0.04003	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.01999	0	0	0.04003	RB

## 2.71 Lan IN 265

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097504.836693.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002268	0	0.002268	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01005	0	0.01005	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01005	0	0.01005	RA
RB	0	0	0.01	0	0.01	0	0	0.01005	0	0.01005	RB

## 2.72 Lan OUT 265

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.084	0.008376	0	0	0.09238	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.01999	0	0	0.03998	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000167	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02002	0	0	0.04006	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02002	0	0	0.04006	RB

## 2.73 Lan IN 266

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097499.101271.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01	0	0.01	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01	0	0.01	RA
RB	0	0	0.01	0	0.01	0	0	0.01	0	0.01	RB

## 2.74 Lan OUT 266

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08394	0.008385	0	0	0.09232	$\lambda$
D	0.02	0.02	0	0	0.04	0.02001	0.02001	0	0	0.04002	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000168	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02004	0	0	0.04009	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.02004	0	0	0.04009	RB

## 2.75 Lan IN 267

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097487.931932.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.00228	0	0.00228	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009955	0	0.009955	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009955	0	0.009955	RA
RB	0	0	0.01	0	0.01	0	0	0.009955	0	0.009955	RB

## 2.76 Lan OUT 267

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08395	0.0084	0	0	0.09235	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.02006	0	0	0.04005	D
N	0.001683	0.000168	0	0	0.001851	0.001681	0.000169	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001678	0.000169	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02002	0.0201	0	0	0.04012	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.0201	0	0	0.04012	RB

## 2.77 Lan IN 268

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097505.108677.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002289	0	0.002289	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	RA
RB	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	RB

## 2.78 Lan OUT 268

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08401	0.008399	0	0	0.09241	$\lambda$
D	0.02	0.02	0	0	0.04	0.02001	0.01997	0	0	0.03998	D
N	0.001683	0.000168	0	0	0.001851	0.001684	0.000168	0	0	0.001852	N
U	0.00168	0.000168	0	0	0.001848	0.001681	0.000168	0	0	0.001849	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02001	0	0	0.04006	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.02001	0	0	0.04005	RB

## 2.79 Lan IN 269

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097507.992605.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002268	0	0.002268	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	RA
RB	0	0	0.01	0	0.01	0	0	0.01003	0	0.01003	RB



## 2.80 Lan OUT 269

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08398	0.008382	0	0	0.09236	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.01999	0	0	0.03997	D
N	0.001683	0.000168	0	0	0.001851	0.001681	0.000168	0	0	0.001849	N
U	0.00168	0.000168	0	0	0.001848	0.001678	0.000168	0	0	0.001846	U
RA	0.02004	0.02004	0	0	0.04007	0.02002	0.02002	0	0	0.04005	RA
RB	0.02004	0.02004	0	0	0.04007	0.02002	0.02002	0	0	0.04004	RB

## 2.81 Lan IN 270

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097501.711511.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002281	0	0.002281	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009956	0	0.009956	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009956	0	0.009956	RA
RB	0	0	0.01	0	0.01	0	0	0.009957	0	0.009957	RB

## 2.82 Lan OUT 270

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08392	0.008414	0	0	0.09233	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.01994	0	0	0.03994	D
N	0.001683	0.000168	0	0	0.001851	0.001681	0.000168	0	0	0.001849	N
U	0.00168	0.000168	0	0	0.001848	0.001678	0.000168	0	0	0.001846	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.01998	0	0	0.04001	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.01998	0	0	0.04001	RB

## 2.83 Lan IN 271

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097506.512033.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002282	0	0.002282	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01	0	0.01	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01	0	0.01	RA
RB	0	0	0.01	0	0.01	0	0	0.01	0	0.01	RB

## 2.84 Lan OUT 271

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08396	0.008406	0	0	0.09237	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.01998	0	0	0.03999	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000168	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.02002	0	0	0.04006	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.02002	0	0	0.04006	RB

## 2.85 Lan IN 272

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097486.24432.

Given Parameters													
	t		e		c		b		total				
S	0		0		0.01		0		0.01				
Computed Parameters													
Analytical Model						Simulated Model							
	t	e	c		b	total	t	e	c		b	total	
$\lambda$	0	0	0.002276		0	0.002276	0	0	0.002275		0	0.002275	$\lambda$
D	0	0	0.01		0	0.01	0	0	0.01001		0	0.01001	D
N	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	N
U	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	U
RA	0	0	0.01		0	0.01	0	0	0.01001		0	0.01001	RA
RB	0	0	0.01		0	0.01	0	0	0.01001		0	0.01001	RB

## 2.86 Lan OUT 272

Given Parameters												
	t		e		c		b		total			
S	0.02		0.02		0		0		0.04			
Computed Parameters												
Analytical Model						Simulated Model						
	t	e	c	b	total	t	e	c	b	total		
$\lambda$	0.084	0.0084	0	0	0.0924	0.08398	0.008392	0	0	0.09237	$\lambda$	
D	0.02	0.02	0	0	0.04	0.01999	0.02005	0	0	0.04004	D	
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000169	0	0	0.001851	N	
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U	
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02009	0	0	0.04011	RA	
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02008	0	0	0.04011	RB	

## 2.87 Lan IN 273

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097504.617323.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009991	0	0.009991	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009991	0	0.009991	RA
RB	0	0	0.01	0	0.01	0	0	0.009991	0	0.009991	RB

2.88 Lan OUT 273

Given Parameters											
	t	e	c	b	total						
S	0.02	0.02	0	0	0.04						
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08403	0.008387	0	0	0.09242	$\lambda$
D	0.02	0.02	0	0	0.04	0.02002	0.01999	0	0	0.04001	D
N	0.001683	0.000168	0	0	0.001851	0.001685	0.000168	0	0	0.001853	N
U	0.00168	0.000168	0	0	0.001848	0.001682	0.000168	0	0	0.00185	U
RA	0.02004	0.02004	0	0	0.04007	0.02006	0.02002	0	0	0.04008	RA
RB	0.02004	0.02004	0	0	0.04007	0.02006	0.02003	0	0	0.04008	RB

2.89 Lan IN 274

This element **didn't** reach stability in the simulation!  
This element finished the simulation at simulation time: 50097485.462322.

Given Parameters													
	t		e		c		b		total				
S	0		0		0.01		0		0.01				
Computed Parameters													
Analytical Model						Simulated Model							
	t	e	c		b	total	t	e	c		b	total	
$\lambda$	0	0	0.002276		0	0.002276	0	0	0.002271		0	0.002271	$\lambda$
D	0	0	0.01		0	0.01	0	0	0.01001		0	0.01001	D
N	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	N
U	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	U
RA	0	0	0.01		0	0.01	0	0	0.01001		0	0.01001	RA
RB	0	0	0.01		0	0.01	0	0	0.01001		0	0.01001	RB

## 2.90 Lan OUT 274

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08393	0.008372	0	0	0.0923	$\lambda$
D	0.02	0.02	0	0	0.04	0.02001	0.02002	0	0	0.04002	D
N	0.001683	0.000168	0	0	0.001851	0.001682	0.000168	0	0	0.00185	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02005	0.02005	0	0	0.0401	RA
RB	0.02004	0.02004	0	0	0.04007	0.02005	0.02005	0	0	0.0401	RB

## 2.91 Lan IN 275

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097505.811479.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002281	0	0.002281	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01001	0	0.01001	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01001	0	0.01001	RA
RB	0	0	0.01	0	0.01	0	0	0.01001	0	0.01001	RB

## 2.92 Lan OUT 275

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08403	0.008383	0	0	0.09241	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.01998	0	0	0.03997	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000167	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02001	0	0	0.04004	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02002	0	0	0.04004	RB

## 2.93 Lan IN 276

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097500.141249.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	RA
RB	0	0	0.01	0	0.01	0	0	0.01002	0	0.01002	RB

## 2.94 Lan OUT 276

Given Parameters											
	t	e	c	b	total						
S	0.02	0.02	0	0	0.04						
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08399	0.008417	0	0	0.09241	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.02006	0	0	0.04006	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000169	0	0	0.001852	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000169	0	0	0.001849	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.0201	0	0	0.04014	RA
RB	0.02004	0.02004	0	0	0.04007	0.02004	0.0201	0	0	0.04014	RB

## 2.95 Lan IN 277

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097508.504812.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002267	0	0.002267	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009991	0	0.009991	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009991	0	0.009991	RA
RB	0	0	0.01	0	0.01	0	0	0.009992	0	0.009992	RB



## 2.96 Lan OUT 277

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08406	0.008379	0	0	0.09244	$\lambda$
D	0.02	0.02	0	0	0.04	0.01999	0.02	0	0	0.03998	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000168	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02002	0.02004	0	0	0.04006	RA
RB	0.02004	0.02004	0	0	0.04007	0.02002	0.02003	0	0	0.04006	RB

## 2.97 Lan IN 278

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097501.563982.

Given Parameters											
	t		e		c		b		total		
S	0		0		0.01		0		0.01		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	$\lambda$
D	0	0	0.01	0	0.01	0	0	0.009966	0	0.009966	D
N	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	N
U	0	0	$2.3e-05$	0	$2.3e-05$	0	0	$2.3e-05$	0	$2.3e-05$	U
RA	0	0	0.01	0	0.01	0	0	0.009966	0	0.009966	RA
RB	0	0	0.01	0	0.01	0	0	0.009966	0	0.009966	RB

## 2.98 Lan OUT 278

Given Parameters											
	t		e		c		b		total		
S	0.02		0.02		0		0		0.04		
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08402	0.008428	0	0	0.09244	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.01997	0	0	0.03997	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000169	0	0	0.001852	N
U	0.00168	0.000168	0	0	0.001848	0.00168	0.000168	0	0	0.001848	U
RA	0.02004	0.02004	0	0	0.04007	0.02004	0.02001	0	0	0.04004	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02001	0	0	0.04004	RB

## 2.99 Lan IN 279

This element **didn't** reach stability in the simulation!

This element finished the simulation at simulation time: 50097507.722142.

Given Parameters													
	t		e		c		b		total				
S	0		0		0.01		0		0.01				
Computed Parameters													
Analytical Model						Simulated Model							
	t	e	c		b	total	t	e	c		b	total	
$\lambda$	0	0	0.002276		0	0.002276	0	0	0.002269		0	0.002269	$\lambda$
D	0	0	0.01		0	0.01	0	0	0.009998		0	0.009998	D
N	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	N
U	0	0	$2.3e-05$		0	$2.3e-05$	0	0	$2.3e-05$		0	$2.3e-05$	U
RA	0	0	0.01		0	0.01	0	0	0.009998		0	0.009998	RA
RB	0	0	0.01		0	0.01	0	0	0.009998		0	0.009998	RB

## 2.100 Lan OUT 279

Given Parameters											
		t		e		c		b		total	
S		0.02		0.02		0		0		0.04	
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total	t	e	c	b	total	
$\lambda$	0.084	0.0084	0	0	0.0924	0.08399	0.008407	0	0	0.0924	$\lambda$
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.001683	0.000168	0	0	0.001851	0.001683	0.000168	0	0	0.001851	N
U	0.00168	0.000168	0	0	0.001848	0.001679	0.000168	0	0	0.001847	U
RA	0.02004	0.02004	0	0	0.04007	0.02003	0.02003	0	0	0.04006	RA
RB	0.02004	0.02004	0	0	0.04007	0.02003	0.02003	0	0	0.04006	RB