

Results

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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: 1400.084 seconds seconds.

Memory usage: 18.67 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: 50097508.332745.

Given Parameters											
	t	e	c	b	total						
aggr	5	1	1	2	9						
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	
λ	0.504	0.2041	0	0.01764	0.7258	0.504	0.2041	0	0.01764	0.7257	λ
D	0.033	0.165	0	0.066	0.264	0.033	0.165	0	0.06617	0.2642	D
N	0.01753	0.03551	0	0.001227	0.05427	0.02076	0.03471	0	0.001266	0.05674	N
U	0.01663	0.03368	0	0.001164	0.05148	0.01663	0.03367	0	0.001167	0.05147	U
RA	0.03479	0.174	0	0.06958	0.2783	0.03487	0.1744	0	0.06992	0.2792	RA
RB	0.03952	0.1715	0	0.07252	0.2836	0.04119	0.1701	0	0.0718	0.2831	RB

2.2 Central storage of Node 0

Given Parameters											
	t	e	c	b	total						
S	0.4	0.73	0	0.23	1.36						
Computed Parameters											
Analytical Model						Simulated Model					
	t	e	c	b	total		t	e	c	b	total
λ	0.1008	0.1837	0	0.01903	0.3035		0.1008	0.1837	0	0.01901	0.3035
D	0.4	0.73	0	0.23	1.36		0.4002	0.7302	0	0.2298	1.36
N	0.0491	0.1633	0	0.005329	0.2177		0.05589	0.1551	0	0.006695	0.2176
U	0.04032	0.1341	0	0.004376	0.1788		0.04034	0.1341	0	0.004368	0.1788
RA	0.4871	0.8889	0	0.2801	1.656		0.4873	0.8891	0	0.2798	1.656
RB	0.5401	0.8701	0	0.3701	1.78		0.5545	0.8442	0	0.3522	1.751

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: 50097497.077428.

Given Parameters											
	t	e	c	b	total						
aggr	5	1	1	2	9						
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	0.168	0.01512	0.001361	0.00084	0.1853		0.168	0.0151	0.001363	0.000838	0.1853
D	0.33	3.135	0.165	0.66	4.29		0.3298	3.132	0.1651	0.6593	4.286
N	0.06185	0.05288	0.00025	0.000618	0.1156		0.07252	0.04967	0.000512	0.000616	0.1233
U	0.05544	0.0474	0.000225	0.000554	0.1036		0.05542	0.04729	0.000225	0.000553	0.1035
RA	0.3681	3.497	0.1841	0.7363	4.786		0.3704	3.518	0.1854	0.7406	4.815
RB	0.5166	3.322	0.3516	0.8466	5.037		0.4316	3.289	0.3761	0.7348	4.832

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: 50097507.634964.

Given Parameters											
		t		e		c		b		total	
aggr		5		1		1		2		9	
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	0.336	0.03024	0.002722	0.00168	0.3706	0.336	0.03025	0.002707	0.001685	0.3706	λ
D	0.33	3.135	0.165	0.66	4.29	0.3301	3.137	0.165	0.6629	4.295	D
N	0.1399	0.1196	0.000566	0.001399	0.2614	0.1893	0.1076	0.001669	0.001463	0.3001	N
U	0.1109	0.0948	0.000449	0.001109	0.2072	0.1109	0.0949	0.000447	0.001117	0.2074	U
RA	0.4163	3.955	0.2081	0.8325	5.411	0.4292	4.079	0.2145	0.8618	5.584	RA
RB	0.7521	3.557	0.5871	1.082	5.978	0.5633	3.559	0.6165	0.8686	5.607	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: 50097507.720052.

Given Parameters												
	t		e		c		b		total			
aggr	5		1		1		2		9			
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	0.672	0.06048	0.005443	0.00336	0.7413	0.6721	0.06047	0.005423	0.003355	0.7413	λ	
D	0.33	3.135	0.165	0.66	4.29	0.3299	3.134	0.1654	0.6608	4.29	D	
N	0.3787	0.3238	0.001534	0.003787	0.7079	0.6495	0.2657	0.006701	0.00425	0.9261	N	
U	0.2218	0.1896	0.000898	0.002218	0.4145	0.2217	0.1895	0.000897	0.002217	0.4143	U	
RA	0.5636	5.354	0.2818	1.127	7.327	0.6354	6.037	0.3185	1.273	8.263	RA	
RB	1.473	4.278	1.308	1.803	8.862	0.9664	4.394	1.236	1.267	7.863	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: 50097508.924953.

Given Parameters												
	t		e		c		b		total			
aggr	5		1		1		2		9			
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	0.00672	1.483	1.344	0.1209	0.01089	0.006711	1.482	λ	
D	0.33	3.135	0.165	0.66	4.29	0.33	3.135	0.1652	0.6581	4.288	D	
N	2.593	2.217	0.0105	0.02593	4.847	6.474	1.444	0.05977	0.03402	8.012	N	
U	0.4435	0.3792	0.001796	0.004435	0.829	0.4434	0.3791	0.001799	0.004416	0.8287	U	
RA	1.929	18.33	0.9647	3.859	25.08	2.974	28.25	1.489	5.931	38.65	RA	
RB	8.155	10.96	7.99	8.485	35.59	4.818	11.94	5.49	5.068	27.32	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: 50097508.460195.

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

Given Parameters											
		t		e		c		b		total	
aggr		5		1		1		2		9	
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	
λ	0.42	0.0084	0.001436	0	0.4298	0.4201	0.008387	0.00144	0	0.4299	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.48	0.8128	0	17.94	D
N	3.943	0.7401	0.006661	0	4.69	6.533	0.3809	0.02503	0	6.939	N
U	0.693	0.1301	0.001171	0	0.8242	0.6932	0.1298	0.001172	0	0.8242	U
RA	9.388	88.11	4.637	0	102.1	13.1	122.9	6.453	0	142.4	RA
RB	19.62	33.46	18.79	0	71.86	15.55	45.41	17.37	0	78.34	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: 50097508.581835.

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

Given Parameters											
	t		e		c		b		total		
aggr	5		1		1		2		9		
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	
λ	0.42	0.0084	0.001436	0	0.4298	0.42	0.008404	0.001432	0	0.4298	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.48	0.8144	0	17.94	D
N	3.943	0.7401	0.006661	0	4.69	6.548	0.383	0.02331	0	6.955	N
U	0.693	0.1301	0.001171	0	0.8242	0.6929	0.1301	0.001167	0	0.8241	U
RA	9.388	88.11	4.637	0	102.1	13.12	123.1	6.478	0	142.7	RA
RB	19.62	33.46	18.79	0	71.86	15.59	45.57	16.27	0	77.43	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: 50097507.700948.

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	5		1		1		2		9		
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	
λ	0.42	0.0084	0.001436	0	0.4298	0.42	0.008397	0.001434	0	0.4299	λ
D	1.65	15.48	0.815	0	17.95	1.65	15.48	0.8157	0	17.95	D
N	3.943	0.7401	0.006661	0	4.69	6.554	0.3826	0.02231	0	6.958	N
U	0.693	0.1301	0.001171	0	0.8242	0.6931	0.13	0.00117	0	0.8243	U
RA	9.388	88.11	4.637	0	102.1	13.13	123.2	6.492	0	142.8	RA
RB	19.62	33.46	18.79	0	71.86	15.6	45.57	15.55	0	76.72	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: 50097507.513985.

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	5		1		1		2		9		
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	
λ	0.42	0.0084	0.001436	0	0.4298	0.42	0.008396	0.001436	0	0.4298	λ
D	1.65	15.49	0.815	0	17.95	1.65	15.49	0.8151	0	17.95	D
N	3.943	0.7401	0.006661	0	4.69	6.5	0.3786	0.02168	0	6.9	N
U	0.693	0.1301	0.001171	0	0.8242	0.693	0.13	0.001171	0	0.8242	U
RA	9.388	88.11	4.637	0	102.1	13.04	122.3	6.439	0	141.8	RA
RB	19.62	33.46	18.79	0	71.86	15.48	45.1	15.1	0	75.67	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: 50097496.892016.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00228	0	0.00228	λ
D	0	0	0.6	0	0.6	0	0	0.5998	0	0.5998	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	0.001368	0	0.001368	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	0.6008	0	0.6008	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: 50097467.353888.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	λ
D	0	0	0.6	0	0.6	0	0	0.5992	0	0.5992	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	0.001365	0	0.001365	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	0.5999	0	0.5999	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: 50097502.918897.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	λ
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	0.001359	0	0.001359	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	0.5968	0	0.5968	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: 50097493.828688.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00228	0	0.00228	λ
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	0.001366	0	0.001366	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	0.599	0	0.599	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5991	0	0.5991	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: 50097505.707065.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	λ
D	0	0	0.6	0	0.6	0	0	0.6	0	0.6	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	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.6008	0	0.6008	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6011	0	0.6011	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: 50097460.380598.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	λ
D	0	0	0.6	0	0.6	0	0	0.6015	0	0.6015	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	0.001366	0	0.001366	U
RA	0	0	0.6008	0	0.6008	0	0	0.6023	0	0.6023	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6024	0	0.6024	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: 50097479.727343.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	λ
D	0	0	0.6	0	0.6	0	0	0.597	0	0.597	D
N	0	0	0.001368	0	0.001368	0	0	0.001358	0	0.001358	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	0.5979	0	0.5979	RA
RB	0	0	0.6008	0	0.6008	0	0	0.598	0	0.598	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: 50097429.03794.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	λ
D	0	0	0.6	0	0.6	0	0	0.6009	0	0.6009	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	0.001368	0	0.001368	U
RA	0	0	0.6008	0	0.6008	0	0	0.6018	0	0.6018	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6019	0	0.6019	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: 50097449.292743.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	λ
D	0	0	0.6	0	0.6	0	0	0.5998	0	0.5998	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	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.6006	0	0.6006	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6008	0	0.6008	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: 50097438.388135.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002264	0	0.002264	λ
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	0.00136	0	0.00136	N
U	0	0	0.001366	0	0.001366	0	0	0.001358	0	0.001358	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	0.6009	0	0.6009	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: 50097107.338385.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	λ
D	0	0	0.6	0	0.6	0	0	0.6	0	0.6	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	0.001365	0	0.001365	U
RA	0	0	0.6008	0	0.6008	0	0	0.6008	0	0.6008	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6007	0	0.6007	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: 50097465.998698.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002278	0	0.002278	λ
D	0	0	0.6	0	0.6	0	0	0.6019	0	0.6019	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	0.6027	0	0.6027	RA
RB	0	0	0.6008	0	0.6008	0	0	0.603	0	0.603	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: 50097433.683954.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	λ
D	0	0	0.6	0	0.6	0	0	0.5998	0	0.5998	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	0.001362	0	0.001362	U
RA	0	0	0.6008	0	0.6008	0	0	0.6006	0	0.6006	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6004	0	0.6004	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: 50097462.488193.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002282	0	0.002282	λ
D	0	0	0.6	0	0.6	0	0	0.5987	0	0.5987	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	0.001366	0	0.001366	U
RA	0	0	0.6008	0	0.6008	0	0	0.5995	0	0.5995	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5998	0	0.5998	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: 50097453.821406.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002274	0	0.002274	λ
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	0.00137	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	0.6021	0	0.6021	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6023	0	0.6023	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: 50097495.966609.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002267	0	0.002267	λ
D	0	0	0.6	0	0.6	0	0	0.6035	0	0.6035	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	0.001368	0	0.001368	U
RA	0	0	0.6008	0	0.6008	0	0	0.6043	0	0.6043	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6045	0	0.6045	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: 50097374.623428.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002293	0	0.002293	λ
D	0	0	0.6	0	0.6	0	0	0.6001	0	0.6001	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	0.001376	0	0.001376	U
RA	0	0	0.6008	0	0.6008	0	0	0.6009	0	0.6009	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6012	0	0.6012	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: 50097082.879077.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	λ
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	0.001363	0	0.001363	N
U	0	0	0.001366	0	0.001366	0	0	0.001361	0	0.001361	U
RA	0	0	0.6008	0	0.6008	0	0	0.6002	0	0.6002	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6002	0	0.6002	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: 50097412.442868.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	λ
D	0	0	0.6	0	0.6	0	0	0.601	0	0.601	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	0.001368	0	0.001368	U
RA	0	0	0.6008	0	0.6008	0	0	0.6018	0	0.6018	RA
RB	0	0	0.6008	0	0.6008	0	0	0.602	0	0.602	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: 50097426.680672.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002279	0	0.002279	λ
D	0	0	0.6	0	0.6	0	0	0.601	0	0.601	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	0.00137	0	0.00137	U
RA	0	0	0.6008	0	0.6008	0	0	0.6018	0	0.6018	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6018	0	0.6018	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: 50097412.752514.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	λ
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	0.001368	0	0.001368	N
U	0	0	0.001366	0	0.001366	0	0	0.001365	0	0.001365	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	0.6025	0	0.6025	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: 50097204.561746.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002282	0	0.002282	λ
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	0.001371	0	0.001371	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	0.6005	0	0.6005	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6006	0	0.6006	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	
λ	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	λ
D	0	0	0.6	0	0.6	0	0	0.5962	0	0.5962	D
N	0	0	0.001368	0	0.001368	0	0	0.001357	0	0.001357	N
U	0	0	0.001366	0	0.001366	0	0	0.001354	0	0.001354	U
RA	0	0	0.6008	0	0.6008	0	0	0.5971	0	0.5971	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5973	0	0.5973	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: 50097490.752109.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	λ
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	0.001364	0	0.001364	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	0.6008	0	0.6008	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6009	0	0.6009	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: 50097386.998744.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	λ
D	0	0	0.6	0	0.6	0	0	0.5987	0	0.5987	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	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.5995	0	0.5995	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5996	0	0.5996	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: 50097283.115376.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	λ
D	0	0	0.6	0	0.6	0	0	0.6009	0	0.6009	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	0.001366	0	0.001366	U
RA	0	0	0.6008	0	0.6008	0	0	0.6018	0	0.6018	RA
RB	0	0	0.6008	0	0.6008	0	0	0.602	0	0.602	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: 50097371.771519.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	λ
D	0	0	0.6	0	0.6	0	0	0.5986	0	0.5986	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	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.5994	0	0.5994	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5996	0	0.5996	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: 50097445.057694.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002268	0	0.002268	λ
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	0.001363	0	0.001363	N
U	0	0	0.001366	0	0.001366	0	0	0.001361	0	0.001361	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	0.6008	0	0.6008	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: 50097114.366306.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	λ
D	0	0	0.6	0	0.6	0	0	0.5986	0	0.5986	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	0.001363	0	0.001363	U
RA	0	0	0.6008	0	0.6008	0	0	0.5994	0	0.5994	RA
RB	0	0	0.6008	0	0.6008	0	0	0.5996	0	0.5996	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: 50097259.925044.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002273	0	0.002273	λ
D	0	0	0.6	0	0.6	0	0	0.6022	0	0.6022	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	0.001369	0	0.001369	U
RA	0	0	0.6008	0	0.6008	0	0	0.603	0	0.603	RA
RB	0	0	0.6008	0	0.6008	0	0	0.6033	0	0.6033	RB

2.41 Lan IN 250

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

This element finished the simulation at simulation time: 50097508.460195.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00228	0	0.00228	λ
D	0	0	0.01	0	0.01	0	0	0.009968	0	0.009968	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	0.009968	0	0.009968	RA
RB	0	0	0.01	0	0.01	0	0	0.009968	0	0.009968	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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008383	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.000169	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.008401	0.000168	0	0	0.008569	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02017	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.43 Lan IN 251

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

This element finished the simulation at simulation time: 50097506.650823.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	λ
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

2.44 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	
λ	0.42	0.0084	0	0	0.4284	0.4202	0.008392	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.01998	0	0	0.03997	D
N	0.008473	0.000169	0	0	0.008642	0.008475	0.000169	0	0	0.008644	N
U	0.0084	0.000168	0	0	0.008568	0.008402	0.000168	0	0	0.00857	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RB

2.45 Lan IN 252

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

This element finished the simulation at simulation time: 50097508.094073.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	λ
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	0.009976	0	0.009976	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	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008414	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.01998	0	0	0.03997	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.00017	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RB

2.47 Lan IN 253

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

This element finished the simulation at simulation time: 50097502.046621.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002279	0	0.002279	λ
D	0	0	0.01	0	0.01	0	0	0.009961	0	0.009961	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	0.009961	0	0.009961	RA
RB	0	0	0.01	0	0.01	0	0	0.009961	0	0.009961	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	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008398	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02001	0	0	0.04001	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.00017	0	0	0.00864	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000168	0	0	0.008565	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04036	RB

2.49 Lan IN 254

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

This element finished the simulation at simulation time: 50097505.801021.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	λ
D	0	0	0.01	0	0.01	0	0	0.009981	0	0.009981	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	0.009981	0	0.009981	RA
RB	0	0	0.01	0	0.01	0	0	0.009982	0	0.009982	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	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008402	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02001	0.01997	0	0	0.03997	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.000169	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.008402	0.000168	0	0	0.00857	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02014	0	0	0.04032	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02014	0	0	0.04032	RB

2.51 Lan IN 255

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

This element finished the simulation at simulation time: 50097507.569498.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	λ
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

2.52 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	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008403	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.01995	0	0	0.03995	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.000169	0	0	0.00864	N
U	0.0084	0.000168	0	0	0.008568	0.008399	0.000168	0	0	0.008567	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02012	0	0	0.04029	RB

2.53 Lan IN 256

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

This element finished the simulation at simulation time: 50097507.700948.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	λ
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

2.54 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	
λ	0.42	0.0084	0	0	0.4284	0.4198	0.0084	0	0	0.4282	λ
D	0.02	0.02	0	0	0.04	0.02	0.02003	0	0	0.04002	D
N	0.008473	0.000169	0	0	0.008642	0.008469	0.00017	0	0	0.008639	N
U	0.0084	0.000168	0	0	0.008568	0.008396	0.000168	0	0	0.008564	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02019	0	0	0.04036	RB

2.55 Lan IN 257

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

This element finished the simulation at simulation time: 50097506.94558.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	λ
D	0	0	0.01	0	0.01	0	0	0.009987	0	0.009987	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	0.009987	0	0.009987	RA
RB	0	0	0.01	0	0.01	0	0	0.009987	0	0.009987	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	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008384	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02003	0	0	0.04003	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.000169	0	0	0.00864	N
U	0.0084	0.000168	0	0	0.008568	0.008398	0.000168	0	0	0.008566	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RB

2.57 Lan IN 258

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

This element finished the simulation at simulation time: 50097505.601682.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	λ
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	0.009983	0	0.009983	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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008388	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02004	0	0	0.04003	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.000169	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02021	0	0	0.04038	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RB

2.59 Lan IN 259

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

This element finished the simulation at simulation time: 50097508.903184.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002263	0	0.002263	λ
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

2.60 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
λ	0.42	0.0084	0	0	0.4284		0.4201	0.008395	0	0	0.4284
D	0.02	0.02	0	0	0.04		0.02	0.01998	0	0	0.03998
N	0.008473	0.000169	0	0	0.008642		0.008473	0.000169	0	0	0.008642
U	0.0084	0.000168	0	0	0.008568		0.0084	0.000168	0	0	0.008568
RA	0.02017	0.02017	0	0	0.04035		0.02017	0.02015	0	0	0.04033
RB	0.02017	0.02017	0	0	0.04035		0.02017	0.02015	0	0	0.04032

2.61 Lan IN 260

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

This element finished the simulation at simulation time: 50097507.580091.

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
λ	0	0	0.002276	0	0.002276		0	0	0.002275	0	0.002275
D	0	0	0.01	0	0.01		0	0	0.009971	0	0.009971
N	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$
U	0	0	$2.3e-05$	0	$2.3e-05$		0	0	$2.3e-05$	0	$2.3e-05$
RA	0	0	0.01	0	0.01		0	0	0.009971	0	0.009971
RB	0	0	0.01	0	0.01		0	0	0.009972	0	0.009972

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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008401	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02001	0.01999	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.00848	0.000169	0	0	0.008649	N
U	0.0084	0.000168	0	0	0.008568	0.008407	0.000168	0	0	0.008575	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02016	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02016	0	0	0.04034	RB

2.63 Lan IN 261

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

This element finished the simulation at simulation time: 50097508.112631.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002278	0	0.002278	λ
D	0	0	0.01	0	0.01	0	0	0.009975	0	0.009975	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	0.009975	0	0.009975	RA
RB	0	0	0.01	0	0.01	0	0	0.009975	0	0.009975	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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008418	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.01999	0.01996	0	0	0.03995	D
N	0.008473	0.000169	0	0	0.008642	0.008473	0.000169	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RB

2.65 Lan IN 262

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

This element finished the simulation at simulation time: 50097508.921095.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	λ
D	0	0	0.01	0	0.01	0	0	0.009979	0	0.009979	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	0.009979	0	0.009979	RA
RB	0	0	0.01	0	0.01	0	0	0.00998	0	0.00998	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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008402	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.01996	0	0	0.03995	D
N	0.008473	0.000169	0	0	0.008642	0.008473	0.000169	0	0	0.008642	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RB

2.67 Lan IN 263

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

This element finished the simulation at simulation time: 50097507.488397.

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	
λ	0	0	0.002276		0	0.002276	0	0	0.002282		0	0.002282	λ
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

2.68 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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008389	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.01999	0.01997	0	0	0.03997	D
N	0.008473	0.000169	0	0	0.008642	0.008469	0.000169	0	0	0.008638	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000168	0	0	0.008565	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04031	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RB

2.69 Lan IN 264

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

This element finished the simulation at simulation time: 50097504.004647.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002274	0	0.002274	λ
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	0.009994	0	0.009994	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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008396	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.01999	0.02001	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008468	0.000169	0	0	0.008637	N
U	0.0084	0.000168	0	0	0.008568	0.008396	0.000168	0	0	0.008564	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.71 Lan IN 265

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

This element finished the simulation at simulation time: 50097505.650176.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002267	0	0.002267	λ
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

2.72 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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008383	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.02001	0.02004	0	0	0.04004	D
N	0.008473	0.000169	0	0	0.008642	0.008474	0.000169	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.008401	0.000168	0	0	0.008569	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02021	0	0	0.04039	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02021	0	0	0.04039	RB

2.73 Lan IN 266

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

This element finished the simulation at simulation time: 50097506.791364.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002293	0	0.002293	λ
D	0	0	0.01	0	0.01	0	0	0.009963	0	0.009963	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	0.009963	0	0.009963	RA
RB	0	0	0.01	0	0.01	0	0	0.009963	0	0.009963	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	
λ	0.42	0.0084	0	0	0.4284	0.4198	0.008395	0	0	0.4282	λ
D	0.02	0.02	0	0	0.04	0.02	0.01994	0	0	0.03994	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.000169	0	0	0.008639	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000167	0	0	0.008564	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02011	0	0	0.04028	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02011	0	0	0.04028	RB

2.75 Lan IN 267

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

This element finished the simulation at simulation time: 50097504.373233.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	λ
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

2.76 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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008378	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.02	0.02001	0	0	0.04001	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.000169	0	0	0.00864	N
U	0.0084	0.000168	0	0	0.008568	0.008399	0.000168	0	0	0.008567	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04036	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.77 Lan IN 268

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

This element finished the simulation at simulation time: 50097502.661865.

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	
λ	0	0	0.002276		0	0.002276	0	0	0.002277		0	0.002277	λ
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

2.78 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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008426	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02001	0.01999	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008478	0.00017	0	0	0.008648	N
U	0.0084	0.000168	0	0	0.008568	0.008404	0.000168	0	0	0.008572	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02017	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02016	0	0	0.04034	RB

2.79 Lan IN 269

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

This element finished the simulation at simulation time: 50097503.927269.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002279	0	0.002279	λ
D	0	0	0.01	0	0.01	0	0	0.00999	0	0.00999	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	0.00999	0	0.00999	RA
RB	0	0	0.01	0	0.01	0	0	0.00999	0	0.00999	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	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008399	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02002	0	0	0.04003	D
N	0.008473	0.000169	0	0	0.008642	0.008473	0.00017	0	0	0.008643	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.0202	0	0	0.04037	RB

2.81 Lan IN 270

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

This element finished the simulation at simulation time: 50097507.75624.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	λ
D	0	0	0.01	0	0.01	0	0	0.009981	0	0.009981	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	0.009981	0	0.009981	RA
RB	0	0	0.01	0	0.01	0	0	0.009981	0	0.009981	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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008388	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.01999	0.01999	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642	0.008469	0.000169	0	0	0.008638	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000168	0	0	0.008565	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04033	RB

2.83 Lan IN 271

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

This element finished the simulation at simulation time: 50097508.41723.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002282	0	0.002282	λ
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

2.84 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	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008431	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02001	0.01998	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642	0.008478	0.00017	0	0	0.008648	N
U	0.0084	0.000168	0	0	0.008568	0.008405	0.000168	0	0	0.008573	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02016	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02016	0	0	0.04034	RB

2.85 Lan IN 272

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

This element finished the simulation at simulation time: 50097508.889929.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002271	0	0.002271	λ
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

2.86 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	
λ	0.42	0.0084	0	0	0.4284	0.42	0.008392	0	0	0.4284	λ
D	0.02	0.02	0	0	0.04	0.02	0.02001	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.000169	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.0084	0.000168	0	0	0.008568	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02017	0	0	0.04034	RB

2.87 Lan IN 273

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

This element finished the simulation at simulation time: 50097508.351836.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.00227	0	0.00227	λ
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

2.88 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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008402	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.02	0.02001	0	0	0.04001	D
N	0.008473	0.000169	0	0	0.008642	0.008471	0.00017	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.008398	0.000168	0	0	0.008566	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04036	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04036	RB

2.89 Lan IN 274

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

This element finished the simulation at simulation time: 50097506.787566.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002276	0	0.002276	λ
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

2.90 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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008387	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02	0.02	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.008475	0.000169	0	0	0.008644	N
U	0.0084	0.000168	0	0	0.008568	0.008403	0.000168	0	0	0.008571	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.91 Lan IN 275

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

This element finished the simulation at simulation time: 50097508.846875.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002272	0	0.002272	λ
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

2.92 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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008401	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.02	0.01999	0	0	0.03999	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.000169	0	0	0.008639	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000168	0	0	0.008565	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02016	0	0	0.04034	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02017	0	0	0.04034	RB

2.93 Lan IN 276

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

This element finished the simulation at simulation time: 50097501.901902.

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	
λ	0	0	0.002276		0	0.002276	0	0	0.002277		0	0.002277	λ
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

2.94 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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008393	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.01999	0.01998	0	0	0.03998	D
N	0.008473	0.000169	0	0	0.008642	0.008467	0.000169	0	0	0.008636	N
U	0.0084	0.000168	0	0	0.008568	0.008395	0.000168	0	0	0.008563	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02015	0	0	0.04032	RB

2.95 Lan IN 277

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

This element finished the simulation at simulation time: 50097508.286477.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002269	0	0.002269	λ
D	0	0	0.01	0	0.01	0	0	0.00997	0	0.00997	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	0.00997	0	0.00997	RA
RB	0	0	0.01	0	0.01	0	0	0.009971	0	0.009971	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	
λ	0.42	0.0084	0	0	0.4284	0.4199	0.008388	0	0	0.4283	λ
D	0.02	0.02	0	0	0.04	0.02	0.02001	0	0	0.04	D
N	0.008473	0.000169	0	0	0.008642	0.00847	0.000169	0	0	0.008639	N
U	0.0084	0.000168	0	0	0.008568	0.008397	0.000168	0	0	0.008565	U
RA	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02018	0	0	0.04035	RB

2.97 Lan IN 278

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

This element finished the simulation at simulation time: 50097500.492101.

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	
λ	0	0	0.002276	0	0.002276	0	0	0.002277	0	0.002277	λ
D	0	0	0.01	0	0.01	0	0	0.00995	0	0.00995	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	0.00995	0	0.00995	RA
RB	0	0	0.01	0	0.01	0	0	0.00995	0	0.00995	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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008381	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.01999	0.01996	0	0	0.03995	D
N	0.008473	0.000169	0	0	0.008642	0.008472	0.000169	0	0	0.008641	N
U	0.0084	0.000168	0	0	0.008568	0.008399	0.000167	0	0	0.008566	U
RA	0.02017	0.02017	0	0	0.04035	0.02016	0.02013	0	0	0.0403	RA
RB	0.02017	0.02017	0	0	0.04035	0.02017	0.02013	0	0	0.0403	RB

2.99 Lan IN 279

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

This element finished the simulation at simulation time: 50097508.465056.

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	
λ		0	0	0.002276	0	0.002276			0	0	0.002273	0	0.002273	λ
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

2.100 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	
λ	0.42	0.0084	0	0	0.4284	0.4201	0.008402	0	0	0.4285	λ
D	0.02	0.02	0	0	0.04	0.02001	0.02001	0	0	0.04001	D
N	0.008473	0.000169	0	0	0.008642	0.008476	0.00017	0	0	0.008646	N
U	0.0084	0.000168	0	0	0.008568	0.008404	0.000168	0	0	0.008572	U
RA	0.02017	0.02017	0	0	0.04035	0.02018	0.02018	0	0	0.04036	RA
RB	0.02017	0.02017	0	0	0.04035	0.02018	0.02019	0	0	0.04036	RB