

LAMPIRAN A

Lampiran A berisi :

- Output Simulasi Awal dengan Terjadinya *Downtime* yang Dijalankan selama 696 jam.
- Output Simulasi Awal dengan Terjadinya *Downtime* yang Dijalankan selama 696 jam.

Output Simulasi Awal dengan Terjadinya Downtime yang Dijalankan selama 696 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving.mod

Date: Dec/14/2008 Time: 08:48:19 PM

Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1696 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
storage lusi	696	999999	2090	0.00	0	1	0	0.00
storage pakan	696	999999	2090	0.00	0	1	0	0.00
St Pirn Winder.1	696	1	367	113.72	0.99	1	1	99.95
St Pirn Winder.2	696	1	367	113.69	0.99	1	1	99.92
St Pirn Winder.3	696	1	367	113.63	0.99	1	1	99.87
St Pirn Winder.4	696	1	367	113.72	0.99	1	1	99.95
St Pirn Winder.5	696	1	367	113.72	0.99	1	1	99.95
St Pirn Winder	3480	5	1835	113.70	0.99	5	5	99.93
St Twisting.1	696	1	117	356.54	0.99	1	1	99.89
St Twisting.2	696	1	117	356.16	0.99	1	1	99.79
St Twisting.3	696	1	117	356.92	1	1	1	100.00
St Twisting.4	696	1	117	356.87	0.99	1	1	99.99
St Twisting.5	696	1	117	356.54	0.99	1	1	99.89
St Twisting.6	696	1	116	359.61	0.99	1	1	99.89
St Twisting.7	696	1	117	356.50	0.99	1	1	99.88
St Twisting.8	696	1	117	356.92	1	1	1	100.00
St Twisting.9	696	1	117	356.92	1	1	1	100.00
St Twisting.10	696	1	117	356.92	1	1	1	100.00
St Twisting.11	696	1	117	356.54	0.99	1	1	99.89
St Twisting.12	696	1	117	356.45	0.99	1	1	99.87

St Twisting.13	696	1	117	356.87	0.99	1	1	99.99
St Twisting.14	696	1	117	356.54	0.99	1	1	99.89
St Twisting.15	696	1	117	356.92	1	1	1	100.00
St Twisting	10440	15	1754	356.88	0.99	15	15	99.93
St VHS.1	696	1	620	55.65	0.82	1	1	82.63
St VHS.2	696	1	598	55.78	0.79	1	1	79.88
St VHS.3	696	1	523	55.75	0.69	1	1	69.83
St VHS	2088	3	1741	55.72	0.77	3	3	77.45
St Sect Warper.1	696	1	203	191.84	0.93	1	1	93.26
St Sect Warper.2	696	1	204	190.72	0.93	1	1	93.17
St Sect Warper.3	696	1	204	190.82	0.93	1	1	93.22
St Sect Warper.4	696	1	202	190.92	0.92	1	1	92.35
St Sect Warper.5	696	1	197	191.34	0.90	1	1	90.27
St Sect Warper.6	696	1	198	190.61	0.90	1	1	90.38
St Sect Warper.7	696	1	195	191.57	0.89	1	1	89.46
St Sect Warper.8	696	1	188	191.29	0.86	1	0	86.12
St Sect Warper.9	696	1	155	191.99	0.71	1	1	71.26
St Sect Warper	6264	9	1746	191.21	0.88	9	8	88.83
St Jumbo Winder.1	696	1	211	179.88	0.90	1	1	90.89
St Jumbo Winder.2	696	1	212	179.03	0.90	1	1	90.89
St Jumbo Winder.3	696	1	212	179.20	0.90	1	1	90.97
St Jumbo Winder.4	696	1	212	179.32	0.91	1	1	91.04
St Jumbo Winder.5	696	1	212	178.68	0.90	1	1	90.71
St Jumbo Winder.6	696	1	202	179.77	0.86	1	0	86.96
St Jumbo Winder.7	696	1	188	179.47	0.80	1	1	80.80
St Jumbo Winder.8	696	1	177	179.25	0.75	1	0	75.98
St Jumbo Winder.9	696	1	118	180.00	0.50	1	0	50.86
St Jumbo Winder.10	696	1	1	180.00	0.00	1	0	0.43
St Jumbo Winder.11	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.12	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.13	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.14	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.15	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.16	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.17	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.18	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.19	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.20	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.21	696	1	0	0.00	0	0	0	0.00

St Jumbo Winder.22	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.23	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.24	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.25	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.26	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.27	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.28	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.29	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder.30	696	1	0	0.00	0	0	0	0.00
St Jumbo Winder	20880	30	1745	179.37	0.24	9	6	24.98
St Draw In.1	696	1	584	59.86	0.83	1	1	83.72
St Draw In.2	696	1	578	59.97	0.83	1	1	83.01
St Draw In.3	696	1	579	59.89	0.83	1	1	83.05
St Draw In	2088	3	1741	59.91	0.83	3	3	83.26
St Loom.1	696	1	8	5213.19	0.99	1	1	99.87
St Loom.2	696	1	8	5219.37	0.99	1	1	99.99
St Loom.3	696	1	8	5220.00	1	1	1	100.00
St Loom.4	696	1	8	5037.75	0.96	1	1	96.51
St Loom.5	696	1	8	5037.75	0.96	1	1	96.51
St Loom.6	696	1	7	5751.78	0.96	1	0	96.41
St Loom.7	696	1	8	5212.57	0.99	1	1	99.86
St Loom.8	696	1	8	5044.56	0.96	1	1	96.64
St Loom.9	696	1	8	5220.00	1	1	1	100.00
St Loom.10	696	1	8	5220.00	1	1	1	100.00
St Loom.11	696	1	8	5219.37	0.99	1	1	99.99
St Loom.12	696	1	8	5220.00	1	1	1	100.00
St Loom.13	696	1	9	4633.40	0.99	1	1	99.86
St Loom.14	696	1	8	5218.75	0.99	1	1	99.98
St Loom.15	696	1	8	5220.00	1	1	1	100.00
St Loom.16	696	1	8	5219.37	0.99	1	1	99.99
St Loom.17	696	1	8	5212.57	0.99	1	1	99.86
St Loom.18	696	1	8	5044.56	0.96	1	1	96.64
St Loom.19	696	1	8	5220.00	1	1	1	100.00
St Loom.20	696	1	8	5219.37	0.99	1	1	99.99
St Loom.21	696	1	8	5220.00	1	1	1	100.00
St Loom.22	696	1	8	5213.19	0.99	1	1	99.87
St Loom.23	696	1	8	5220.00	1	1	1	100.00
St Loom.24	696	1	8	5220.00	1	1	1	100.00
St Loom.25	696	1	8	5165.39	0.98	1	1	98.95

St Loom.26	696	1	9	4640.00	1	1	1	100.00
St Loom.27	696	1	8	5218.75	0.99	1	1	99.98
St Loom.28	696	1	8	5043.93	0.96	1	1	96.63
St Loom.29	696	1	8	5218.13	0.99	1	1	99.96
St Loom.30	696	1	8	5212.57	0.99	1	1	99.86
St Loom.31	696	1	8	5037.75	0.96	1	1	96.51
St Loom.32	696	1	8	5213.19	0.99	1	1	99.87
St Loom.33	696	1	8	5220.00	1	1	1	100.00
St Loom.34	696	1	8	5043.93	0.96	1	1	96.63
St Loom.35	696	1	8	5044.56	0.96	1	1	96.64
St Loom.36	696	1	8	5220.00	1	1	1	100.00
St Loom.37	696	1	8	5218.75	0.99	1	1	99.98
St Loom.38	696	1	8	5212.57	0.99	1	1	99.86
St Loom.39	696	1	8	5220.00	1	1	1	100.00
St Loom.40	696	1	8	5220.00	1	1	1	100.00
St Loom.41	696	1	8	5219.37	0.99	1	1	99.99
St Loom.42	696	1	8	5220.00	1	1	1	100.00
St Loom.43	696	1	8	5213.19	0.99	1	1	99.87
St Loom.44	696	1	8	5220.00	1	1	1	100.00
St Loom.45	696	1	8	5044.56	0.96	1	1	96.64
St Loom.46	696	1	7	5556.93	0.93	1	1	93.15
St Loom.47	696	1	8	5219.37	0.99	1	1	99.99
St Loom.48	696	1	8	5219.37	0.99	1	1	99.99
St Loom.49	696	1	8	5159.96	0.98	1	0	98.85
St Loom.50	696	1	8	5220.00	1	1	1	100.00
St Loom.51	696	1	8	5030.33	0.96	1	1	96.37
St Loom.52	696	1	9	4633.95	0.99	1	1	99.87
St Loom.53	696	1	8	5218.75	0.99	1	1	99.98
St Loom.54	696	1	8	5213.19	0.99	1	1	99.87
St Loom.55	696	1	8	5220.00	1	1	1	100.00
St Loom.56	696	1	9	4633.40	0.99	1	1	99.86
St Loom.57	696	1	8	5220.00	1	1	1	100.00
St Loom.58	696	1	8	5044.56	0.96	1	1	96.64
St Loom.59	696	1	8	5043.93	0.96	1	1	96.63
St Loom.60	696	1	8	5213.19	0.99	1	1	99.87
St Loom.61	696	1	8	5220.00	1	1	1	100.00
St Loom.62	696	1	8	5220.00	1	1	1	100.00
St Loom.63	696	1	8	5220.00	1	1	1	100.00
St Loom.64	696	1	8	5043.93	0.96	1	1	96.63

St Loom.65	696	1	8	5213.19	0.99	1	1	99.87
St Loom.66	696	1	8	5220.00	1	1	1	100.00
St Loom.67	696	1	8	5220.00	1	1	1	100.00
St Loom.68	696	1	8	5213.19	0.99	1	1	99.87
St Loom.69	696	1	8	5220.00	1	1	1	100.00
St Loom.70	696	1	9	4639.44	0.99	1	1	99.99
St Loom.71	696	1	9	4633.95	0.99	1	1	99.87
St Loom.72	696	1	9	4633.95	0.99	1	1	99.87
St Loom.73	696	1	9	4640.00	1	1	1	100.00
St Loom.74	696	1	8	5043.93	0.96	1	1	96.63
St Loom.75	696	1	8	5044.56	0.96	1	1	96.64
St Loom.76	696	1	9	4639.44	0.99	1	1	99.99
St Loom.77	696	1	9	4640.00	1	1	1	100.00
St Loom.78	696	1	9	4633.95	0.99	1	1	99.87
St Loom.79	696	1	9	4640.00	1	1	1	100.00
St Loom.80	696	1	9	4639.44	0.99	1	1	99.99
St Loom.81	696	1	9	4640.00	1	1	1	100.00
St Loom.82	696	1	9	4633.40	0.99	1	1	99.86
St Loom.83	696	1	9	4639.44	0.99	1	1	99.99
St Loom.84	696	1	9	4633.95	0.99	1	1	99.87
St Loom.85	696	1	9	4638.89	0.99	1	1	99.98
St Loom.86	696	1	9	4639.44	0.99	1	1	99.99
St Loom.87	696	1	9	4633.40	0.99	1	1	99.86
St Loom.88	696	1	8	5220.00	1	1	1	100.00
St Loom.89	696	1	9	4639.44	0.99	1	1	99.99
St Loom.90	696	1	8	5099.97	0.97	1	0	97.70
St Loom.91	696	1	8	5205.77	0.99	1	1	99.73
St Loom.92	696	1	9	4640.00	1	1	1	100.00
St Loom.93	696	1	8	5220.00	1	1	1	100.00
St Loom.94	696	1	9	4640.00	1	1	1	100.00
St Loom.95	696	1	8	5115.84	0.98	1	0	98.00
St Loom.96	696	1	8	5220.00	1	1	1	100.00
St Loom.97	696	1	8	5044.56	0.96	1	1	96.64
St Loom.98	696	1	9	4640.00	1	1	1	100.00
St Loom.99	696	1	8	5212.57	0.99	1	1	99.86
St Loom.10	696	1	9	4633.95	0.99	1	1	99.87
St Loom.10	696	1	9	4640.00	1	1	1	100.00
St Loom.10	696	1	8	5220.00	1	1	1	100.00
St Loom.10	696	1	9	4640.00	1	1	1	100.00

St Loom.10	696	1	9	4639.44	0.99	1	1	99.99
St Loom.10	696	1	9	4633.40	0.99	1	1	99.86
St Loom.10	696	1	9	4640.00	1	1	1	100.00
St Loom.10	696	1	9	4640.00	1	1	1	100.00
St Loom.10	696	1	9	4633.95	0.99	1	1	99.87
St Loom.10	696	1	9	4633.95	0.99	1	1	99.87
St Loom.11	696	1	9	4639.44	0.99	1	1	99.99
St Loom.11	696	1	9	4639.44	0.99	1	1	99.99
St Loom.11	696	1	8	5043.31	0.96	1	1	96.62
St Loom.11	696	1	8	5220.00	1	1	1	100.00
St Loom.11	696	1	9	4633.40	0.99	1	1	99.86
St Loom.11	696	1	9	4640.00	1	1	1	100.00
St Loom.11	696	1	8	5220.00	1	1	1	100.00
St Loom.11	696	1	8	5043.93	0.96	1	1	96.63
St Loom.11	696	1	9	4633.95	0.99	1	1	99.87
St Loom.11	696	1	9	4627.90	0.99	1	1	99.74
St Loom.12	696	1	9	4638.34	0.99	1	1	99.96
St Loom.12	696	1	8	5192.46	0.99	1	0	99.47
St Loom.12	696	1	9	4639.44	0.99	1	1	99.99
St Loom.12	696	1	9	4633.95	0.99	1	1	99.87
St Loom.12	696	1	9	4640.00	1	1	1	100.00
St Loom.12	696	1	8	5213.19	0.99	1	1	99.87
St Loom.12	696	1	8	5044.56	0.96	1	1	96.64
St Loom.12	696	1	8	5044.56	0.96	1	1	96.64
St Loom.12	696	1	8	5219.37	0.99	1	1	99.99
St Loom.12	696	1	8	5212.57	0.99	1	1	99.86
St Loom.13	696	1	8	5220.00	1	1	1	100.00
St Loom.13	696	1	8	5220.00	1	1	1	100.00
St Loom.13	696	1	8	5220.00	1	1	1	100.00
St Loom.13	696	1	8	5213.19	0.99	1	1	99.87
St Loom.13	696	1	8	5220.00	1	1	1	100.00
St Loom.13	696	1	8	5211.33	0.99	1	1	99.83
St Loom.13	696	1	8	5206.39	0.99	1	1	99.74
St Loom.13	696	1	8	5044.56	0.96	1	1	96.64
St Loom.13	696	1	8	5044.56	0.96	1	1	96.64
St Loom.13	696	1	8	5220.00	1	1	1	100.00
St Loom.14	696	1	8	5044.56	0.96	1	1	96.64
St Loom.14	696	1	8	5219.37	0.99	1	1	99.99
St Loom.14	696	1	8	5219.37	0.99	1	1	99.99

St Loom.14	696	1	8	5219.37	0.99	1	1	99.99
St Loom.14	696	1	8	5219.37	0.99	1	1	99.99
St Loom.14	696	1	8	5219.37	0.99	1	1	99.99
St Loom.14	696	1	8	5219.37	0.99	1	1	99.99
St Loom.14	696	1	8	5220.00	1	1	1	100.00
St Loom.14	696	1	8	5220.00	1	1	1	100.00
St Loom.14	696	1	8	5220.00	1	1	1	100.00
St Loom.15	696	1	8	5219.37	0.99	1	1	99.99
St Loom.15	696	1	8	5220.00	1	1	1	100.00
St Loom.15	696	1	8	5220.00	1	1	1	100.00
St Loom.15	696	1	8	5212.57	0.99	1	1	99.86
St Loom.15	696	1	8	5218.75	0.99	1	1	99.98
St Loom.15	696	1	8	5220.00	1	1	1	100.00
St Loom.15	696	1	8	5220.00	1	1	1	100.00
St Loom.15	696	1	8	5213.19	0.99	1	1	99.87
St Loom.15	696	1	8	5219.37	0.99	1	1	99.99
St Loom.15	696	1	8	5037.75	0.96	1	1	96.51
St Loom.16	696	1	8	5212.57	0.99	1	1	99.86
St Loom.16	696	1	8	5220.00	1	1	1	100.00
St Loom.16	696	1	8	5037.75	0.96	1	1	96.51
St Loom.16	696	1	8	5219.37	0.99	1	1	99.99
St Loom.16	696	1	8	5044.56	0.96	1	1	96.64
St Loom.16	696	1	8	5213.19	0.99	1	1	99.87
St Loom.16	696	1	8	5220.00	1	1	1	100.00
St Loom.16	696	1	8	5218.75	0.99	1	1	99.98
St Loom.16	696	1	8	5220.00	1	1	1	100.00
St Loom.16	696	1	8	5220.00	1	1	1	100.00
St Loom.17	696	1	8	5043.93	0.96	1	1	96.63
St Loom.17	696	1	8	5220.00	1	1	1	100.00
St Loom.17	696	1	8	5213.19	0.99	1	1	99.87
St Loom.17	696	1	8	5219.37	0.99	1	1	99.99
St Loom.17	696	1	8	5220.00	1	1	1	100.00
St Loom.17	696	1	8	5219.37	0.99	1	1	99.99
St Loom.17	696	1	8	5044.56	0.96	1	1	96.64
St Loom.17	696	1	8	5219.37	0.99	1	1	99.99
St Loom.17	696	1	8	5043.93	0.96	1	1	96.63
St Loom.17	696	1	8	5043.93	0.96	1	1	96.63
St Loom.18	696	1	8	5043.93	0.96	1	1	96.63
St Loom.18	696	1	8	5206.39	0.99	1	1	99.74

St Loom.18	696	1	8	5219.37	0.99	1	1	99.99
St Loom.18	696	1	8	5213.19	0.99	1	1	99.87
St Loom.18	696	1	8	5044.56	0.96	1	1	96.64
St Loom.18	696	1	8	5206.39	0.99	1	1	99.74
St Loom.18	696	1	8	5219.37	0.99	1	1	99.99
St Loom.18	696	1	8	5044.56	0.96	1	1	96.64
St Loom.18	696	1	8	5213.19	0.99	1	1	99.87
St Loom.18	696	1	8	5211.95	0.99	1	1	99.85
St Loom.19	696	1	8	5212.57	0.99	1	1	99.86
St Loom.19	696	1	8	5213.19	0.99	1	1	99.87
St Loom.19	696	1	8	5220.00	1	1	1	100.00
St Loom.19	696	1	8	5043.93	0.96	1	1	96.63
St Loom.19	696	1	8	5220.00	1	1	1	100.00
St Loom.19	696	1	8	5219.37	0.99	1	1	99.99
St Loom.19	696	1	8	5220.00	1	1	1	100.00
St Loom.19	696	1	8	5220.00	1	1	1	100.00
St Loom.19	696	1	8	5219.37	0.99	1	1	99.99
St Loom.19	696	1	8	5043.93	0.96	1	1	96.63
St Loom.20	696	1	8	5219.37	0.99	1	1	99.99
St Loom.20	696	1	8	5037.13	0.96	1	1	96.50
St Loom.20	696	1	8	5043.93	0.96	1	1	96.63
St Loom.20	696	1	8	5219.37	0.99	1	1	99.99
St Loom.20	696	1	8	5218.13	0.99	1	1	99.96
St Loom.20	696	1	8	5220.00	1	1	1	100.00
St Loom.20	696	1	8	5219.37	0.99	1	1	99.99
St Loom.20	696	1	8	5044.56	0.96	1	1	96.64
St Loom.20	696	1	8	5219.37	0.99	1	1	99.99
St Loom.20	696	1	8	5218.75	0.99	1	1	99.98
St Loom.21	696	1	8	5220.00	1	1	1	100.00
St Loom.21	696	1	8	5220.00	1	1	1	100.00
St Loom.21	696	1	8	5212.57	0.99	1	1	99.86
St Loom.21	696	1	8	5043.93	0.96	1	1	96.63
St Loom.21	696	1	8	5220.00	1	1	1	100.00
St Loom.21	696	1	8	5212.57	0.99	1	1	99.86
St Loom.21	696	1	8	5220.00	1	1	1	100.00
St Loom.21	696	1	8	5219.37	0.99	1	1	99.99
St Loom.21	696	1	8	5219.37	0.99	1	1	99.99
St Loom.21	696	1	8	5037.75	0.96	1	1	96.51
St Loom.22	696	1	8	5044.56	0.96	1	1	96.64

St Loom.22	696	1	8	5212.57	0.99	1	1	99.86
St Loom.22	696	1	8	5219.37	0.99	1	1	99.99
St Loom.22	696	1	8	5037.75	0.96	1	1	96.51
St Loom.22	696	1	8	5213.19	0.99	1	1	99.87
St Loom.22	696	1	8	5037.13	0.96	1	1	96.50
St Loom.22	696	1	8	5220.00	1	1	1	100.00
St Loom.22	696	1	8	5218.75	0.99	1	1	99.98
St Loom.22	696	1	8	5213.19	0.99	1	1	99.87
St Loom.22	696	1	8	5220.00	1	1	1	100.00
St Loom.23	696	1	8	5044.56	0.96	1	1	96.64
St Loom.23	696	1	8	5220.00	1	1	1	100.00
St Loom.23	696	1	8	5220.00	1	1	1	100.00
St Loom.23	696	1	8	5211.95	0.99	1	1	99.85
St Loom.23	696	1	8	5219.37	0.99	1	1	99.99
St Loom.23	696	1	8	5218.75	0.99	1	1	99.98
St Loom.23	696	1	8	5213.19	0.99	1	1	99.87
St Loom.23	696	1	8	5220.00	1	1	1	100.00
St Loom.23	696	1	8	5212.57	0.99	1	1	99.86
St Loom.23	696	1	8	5219.37	0.99	1	1	99.99
St Loom.24	696	1	8	5219.37	0.99	1	1	99.99
St Loom	167040	240	1961	5073.35	0.99	240	235	99.27
St Inspect.1	696	1	378	100.00	0.90	1	1	90.52
St Inspect.2	696	1	370	99.93	0.88	1	0	88.54
St Inspect.3	696	1	359	100.03	0.85	1	0	86.00
St Inspect.4	696	1	326	100.04	0.78	1	0	78.10
St Inspect.5	696	1	297	100.17	0.71	1	1	71.25
St Inspect	3480	5	1730	100.03	0.82	5	2	82.88
WIP in TFO	696	999999	1959	3748.98	175.86	223	220	0.02
WIP in VHS	696	999999	1739	5.53	0.23	3	0	0.00
WIP in Sect Warp	696	999999	1738	0.33	0.01	2	0	0.00
WIP in Jumbo Win	696	999999	1738	0.00	0	1	0	0.00
WIP in Draw In	696	999999	1738	2.95	0.12	4	0	0.00
WIP in Loom	696	999999	3497	409.79	34.31	58	53	0.00
WIP in Inspect	696	999999	1726	13.37	0.55	6	0	0.00
WIP in Pirn Winder	696	999999	4930	8522.19	1006.09	1270	1270	0.10

LOCATION STATES BY PERCENTAGE (Single Capacity/Tanks)

Location Name	Scheduled Hours	% Operation	% Setup	% Idle	% Waiting	% Blocked	% Down
St Pirn Winder.1	696	99.95	0.00	0.00	0.00	0.00	0.05
St Pirn Winder.2	696	99.92	0.00	0.00	0.00	0.00	0.08
St Pirn Winder.3	696	99.87	0.00	0.00	0.00	0.00	0.13
St Pirn Winder.4	696	99.95	0.00	0.00	0.00	0.00	0.05
St Pirn Winder.5	696	99.95	0.00	0.00	0.00	0.00	0.05
St Pirn Winder	3480	99.93	0.00	0.00	0.00	0.00	0.07
St Twisting.1	696	99.89	0.00	0.00	0.00	0.00	0.11
St Twisting.2	696	99.79	0.00	0.00	0.00	0.00	0.21
St Twisting.3	696	100.00	0.00	0.00	0.00	0.00	0.00
St Twisting.4	696	99.99	0.00	0.00	0.00	0.00	0.01
St Twisting.5	696	99.89	0.00	0.00	0.00	0.00	0.11
St Twisting.6	696	99.89	0.00	0.00	0.00	0.00	0.11
St Twisting.7	696	99.88	0.00	0.00	0.00	0.00	0.12
St Twisting.8	696	100.00	0.00	0.00	0.00	0.00	0.00
St Twisting.9	696	100.00	0.00	0.00	0.00	0.00	0.00
St Twisting.10	696	100.00	0.00	0.00	0.00	0.00	0.00
St Twisting.11	696	99.89	0.00	0.00	0.00	0.00	0.11
St Twisting.12	696	99.87	0.00	0.00	0.00	0.00	0.13
St Twisting.13	696	99.99	0.00	0.00	0.00	0.00	0.01
St Twisting.14	696	99.89	0.00	0.00	0.00	0.00	0.11
St Twisting.15	696	100.00	0.00	0.00	0.00	0.00	0.00
St Twisting	10440	99.93	0.00	0.00	0.00	0.00	0.07
St VHS.1	696	82.63	0.00	17.37	0.00	0.00	0.00
St VHS.2	696	79.88	0.00	20.00	0.00	0.00	0.12
St VHS.3	696	69.83	0.00	29.60	0.00	0.00	0.57
St VHS	2088	77.45	0.00	22.32	0.00	0.00	0.23
St Sect Warper.1	696	93.26	0.00	6.60	0.00	0.00	0.14
St Sect Warper.2	696	93.17	0.00	6.69	0.00	0.00	0.14
St Sect Warper.3	696	93.22	0.00	6.78	0.00	0.00	0.00
St Sect Warper.4	696	92.35	0.00	7.50	0.01	0.00	0.14
St Sect Warper.5	696	90.27	0.00	9.35	0.00	0.00	0.38
St Sect Warper.6	696	90.38	0.00	9.33	0.00	0.00	0.29
St Sect Warper.7	696	89.46	0.00	10.40	0.00	0.00	0.14
St Sect Warper.8	696	86.12	0.00	13.88	0.00	0.00	0.00

St Sect Warper.9	696	71.26	0.00	28.59	0.01	0.00	0.14
St Sect Warper	6264	88.83	0.00	11.01	0.01	0.00	0.15
St Jumbo Winder.1	696	90.89	0.00	9.11	0.00	0.00	0.00
St Jumbo Winder.2	696	90.89	0.00	9.11	0.00	0.00	0.00
St Jumbo Winder.3	696	90.97	0.00	9.03	0.00	0.00	0.00
St Jumbo Winder.4	696	91.04	0.00	8.96	0.00	0.00	0.00
St Jumbo Winder.5	696	90.71	0.00	9.29	0.00	0.00	0.00
St Jumbo Winder.6	696	86.96	0.00	12.99	0.00	0.00	0.05
St Jumbo Winder.7	696	80.80	0.00	19.20	0.00	0.00	0.00
St Jumbo Winder.8	696	75.98	0.00	23.94	0.00	0.00	0.08
St Jumbo Winder.9	696	50.86	0.00	49.04	0.00	0.00	0.10
St Jumbo Winder.10	696	0.43	0.00	99.57	0.00	0.00	0.00
St Jumbo Winder.11	696	0.00	0.00	99.92	0.00	0.00	0.08
St Jumbo Winder.12	696	0.00	0.00	100.00	0.00	0.00	0.00
St Jumbo Winder.13	696	0.00	0.00	99.86	0.00	0.00	0.14
St Jumbo Winder.14	696	0.00	0.00	99.87	0.00	0.00	0.13
St Jumbo Winder.15	696	0.00	0.00	100.00	0.00	0.00	0.00
St Jumbo Winder.16	696	0.00	0.00	99.95	0.00	0.00	0.05
St Jumbo Winder.17	696	0.00	0.00	100.00	0.00	0.00	0.00
St Jumbo Winder.18	696	0.00	0.00	100.00	0.00	0.00	0.00
St Jumbo Winder.19	696	0.00	0.00	99.79	0.00	0.00	0.21
St Jumbo Winder.20	696	0.00	0.00	100.00	0.00	0.00	0.00
St Jumbo Winder.21	696	0.00	0.00	99.95	0.00	0.00	0.05
St Jumbo Winder.22	696	0.00	0.00	99.92	0.00	0.00	0.08
St Jumbo Winder.23	696	0.00	0.00	99.95	0.00	0.00	0.05
St Jumbo Winder.24	696	0.00	0.00	100.00	0.00	0.00	0.00
St Jumbo Winder.25	696	0.00	0.00	100.00	0.00	0.00	0.00
St Jumbo Winder.26	696	0.00	0.00	100.00	0.00	0.00	0.00
St Jumbo Winder.27	696	0.00	0.00	99.95	0.00	0.00	0.05
St Jumbo Winder.28	696	0.00	0.00	99.92	0.00	0.00	0.08
St Jumbo Winder.29	696	0.00	0.00	99.87	0.00	0.00	0.13
St Jumbo Winder.30	696	0.00	0.00	99.84	0.00	0.00	0.16
St Jumbo Winder	20880	24.98	0.00	74.97	0.00	0.00	0.05
St Draw In.1	696	83.72	0.00	15.26	0.00	0.00	1.02
St Draw In.2	696	83.01	0.00	16.16	0.00	0.00	0.83
St Draw In.3	696	83.05	0.00	16.33	0.00	0.00	0.62
St Draw In	2088	83.26	0.00	15.92	0.00	0.00	0.82
St Loom.1	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.2	696	99.99	0.00	0.00	0.00	0.00	0.01

St Loom.3	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.4	696	96.51	0.00	0.00	0.00	0.00	3.49
St Loom.5	696	96.51	0.00	0.00	0.00	0.00	3.49
St Loom.6	696	96.41	0.00	0.00	0.00	0.00	3.59
St Loom.7	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.8	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.9	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.10	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.11	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.12	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.13	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.14	696	99.98	0.00	0.00	0.00	0.00	0.02
St Loom.15	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.16	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.17	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.18	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.19	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.20	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.21	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.22	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.23	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.24	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.25	696	98.95	0.00	0.00	0.00	0.00	1.05
St Loom.26	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.27	696	99.98	0.00	0.00	0.00	0.00	0.02
St Loom.28	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.29	696	99.96	0.00	0.00	0.00	0.00	0.04
St Loom.30	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.31	696	96.51	0.00	0.00	0.00	0.00	3.49
St Loom.32	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.33	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.34	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.35	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.36	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.37	696	99.98	0.00	0.00	0.00	0.00	0.02
St Loom.38	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.39	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.40	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.41	696	99.99	0.00	0.00	0.00	0.00	0.01

St Loom.42	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.43	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.44	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.45	696	96.64	0.00	0.00	0.00	0.00	0.00	3.36
St Loom.46	696	93.15	0.00	0.00	0.00	0.00	0.00	6.85
St Loom.47	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.48	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.49	696	98.85	0.00	0.00	0.00	0.00	0.00	1.15
St Loom.50	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.51	696	96.37	0.00	0.00	0.00	0.00	0.00	3.63
St Loom.52	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.53	696	99.98	0.00	0.00	0.00	0.00	0.00	0.02
St Loom.54	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.55	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.56	696	99.86	0.00	0.00	0.00	0.00	0.00	0.14
St Loom.57	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.58	696	96.64	0.00	0.00	0.00	0.00	0.00	3.36
St Loom.59	696	96.63	0.00	0.00	0.00	0.00	0.00	3.37
St Loom.60	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.61	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.62	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.63	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.64	696	96.63	0.00	0.00	0.00	0.00	0.00	3.37
St Loom.65	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.66	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.67	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.68	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.69	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.70	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.71	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.72	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.73	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.74	696	96.63	0.00	0.00	0.00	0.00	0.00	3.37
St Loom.75	696	96.64	0.00	0.00	0.00	0.00	0.00	3.36
St Loom.76	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.77	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.78	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.79	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.80	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01

St Loom.81	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.82	696	99.86	0.00	0.00	0.00	0.00	0.00	0.14
St Loom.83	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.84	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.85	696	99.98	0.00	0.00	0.00	0.00	0.00	0.02
St Loom.86	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.87	696	99.86	0.00	0.00	0.00	0.00	0.00	0.14
St Loom.88	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.89	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.90	696	97.70	0.00	0.00	0.00	0.00	0.00	2.30
St Loom.91	696	99.73	0.00	0.00	0.00	0.00	0.00	0.27
St Loom.92	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.93	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.94	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.95	696	98.00	0.00	0.00	0.00	0.00	0.00	2.00
St Loom.96	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.97	696	96.64	0.00	0.00	0.00	0.00	0.00	3.36
St Loom.98	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.99	696	99.86	0.00	0.00	0.00	0.00	0.00	0.14
St Loom.10	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.10	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.10	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.10	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.10	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.10	696	99.86	0.00	0.00	0.00	0.00	0.00	0.14
St Loom.10	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.10	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.10	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.10	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.11	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.11	696	99.99	0.00	0.00	0.00	0.00	0.00	0.01
St Loom.11	696	96.62	0.00	0.00	0.00	0.00	0.00	3.38
St Loom.11	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.11	696	99.86	0.00	0.00	0.00	0.00	0.00	0.14
St Loom.11	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.11	696	100.00	0.00	0.00	0.00	0.00	0.00	0.00
St Loom.11	696	96.63	0.00	0.00	0.00	0.00	0.00	3.37
St Loom.11	696	99.87	0.00	0.00	0.00	0.00	0.00	0.13
St Loom.11	696	99.74	0.00	0.00	0.00	0.00	0.00	0.26

St Loom.12	696	99.96	0.00	0.00	0.00	0.00	0.04
St Loom.12	696	99.47	0.00	0.00	0.00	0.00	0.53
St Loom.12	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.12	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.12	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.12	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.12	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.12	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.12	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.12	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.13	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.13	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.13	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.13	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.13	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.13	696	99.83	0.00	0.00	0.00	0.00	0.17
St Loom.13	696	99.74	0.00	0.00	0.00	0.00	0.26
St Loom.13	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.13	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.13	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.14	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.14	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.14	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.14	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.14	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.14	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.14	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.14	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.14	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.15	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.15	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.15	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.15	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.15	696	99.98	0.00	0.00	0.00	0.00	0.02
St Loom.15	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.15	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.15	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.15	696	99.99	0.00	0.00	0.00	0.00	0.01

St Loom.15	696	96.51	0.00	0.00	0.00	0.00	3.49
St Loom.16	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.16	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.16	696	96.51	0.00	0.00	0.00	0.00	3.49
St Loom.16	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.16	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.16	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.16	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.16	696	99.98	0.00	0.00	0.00	0.00	0.02
St Loom.16	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.16	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.17	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.17	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.17	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.17	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.17	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.17	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.17	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.17	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.17	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.17	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.18	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.18	696	99.74	0.00	0.00	0.00	0.00	0.26
St Loom.18	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.18	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.18	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.18	696	99.74	0.00	0.00	0.00	0.00	0.26
St Loom.18	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.18	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.18	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.18	696	99.85	0.00	0.00	0.00	0.00	0.15
St Loom.19	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.19	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.19	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.19	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.19	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.19	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.19	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.19	696	100.00	0.00	0.00	0.00	0.00	0.00

St Loom.19	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.19	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.20	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.20	696	96.50	0.00	0.00	0.00	0.00	3.50
St Loom.20	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.20	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.20	696	99.96	0.00	0.00	0.00	0.00	0.04
St Loom.20	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.20	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.20	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.20	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.20	696	99.98	0.00	0.00	0.00	0.00	0.02
St Loom.21	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.21	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.21	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.21	696	96.63	0.00	0.00	0.00	0.00	3.37
St Loom.21	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.21	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.21	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.21	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.21	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.21	696	96.51	0.00	0.00	0.00	0.00	3.49
St Loom.22	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.22	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.22	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.22	696	96.51	0.00	0.00	0.00	0.00	3.49
St Loom.22	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.22	696	96.50	0.00	0.00	0.00	0.00	3.50
St Loom.22	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.22	696	99.98	0.00	0.00	0.00	0.00	0.02
St Loom.22	696	99.87	0.00	0.00	0.00	0.00	0.13
St Loom.22	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.23	696	96.64	0.00	0.00	0.00	0.00	3.36
St Loom.23	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.23	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.23	696	99.85	0.00	0.00	0.00	0.00	0.15
St Loom.23	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.23	696	99.98	0.00	0.00	0.00	0.00	0.02
St Loom.23	696	99.87	0.00	0.00	0.00	0.00	0.13

St Loom.23	696	100.00	0.00	0.00	0.00	0.00	0.00
St Loom.23	696	99.86	0.00	0.00	0.00	0.00	0.14
St Loom.23	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom.24	696	99.99	0.00	0.00	0.00	0.00	0.01
St Loom	167040	99.27	0.00	0.00	0.00	0.00	0.73
St Inspect.1	696	90.52	0.00	9.18	0.00	0.00	0.30
St Inspect.2	696	88.54	0.00	11.46	0.00	0.00	0.00
St Inspect.3	696	86.00	0.00	13.97	0.00	0.00	0.03
St Inspect.4	696	78.10	0.00	21.90	0.00	0.00	0.00
St Inspect.5	696	71.25	0.00	28.75	0.00	0.00	0.00
St Inspect	3480	82.88	0.00	17.05	0.00	0.00	0.07

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	886	-	-	-	-	-
Benang Pakan	0	884	-	-	-	-	-
Benang gabungan	1738	878	14014.68	0.00	0.00	529.80	13484.88
Beam	1738	18	14233.49	0.00	7.93	781.80	13443.75
Bobin Besar	1738	12	14171.31	0.00	4.87	709.80	13456.64
Grey	1728	237	6240.48	0.00	0.00	5860.20	380.28

VARIABLES

Variable Name	Total Changes	Average Minutes Per Change	Minimum Value	Maximum Value	Current Value	Average Value
dts	24922	1.67	1.77	0.99	0.21	0.49

LAMPIRAN B

Lampiran B berisi :

- Output Model Sebelum Ditambah Jumlah Mesin dan Dijalankan selama 696 jam.
- Output Model Setelah Ditambah Mesin *Loom* dan Dijalankan selama 696 jam.
- Output Model Setelah Ditambah Mesin *Twisting* dan Dijalankan selama 696 jam.
- Output Model Setelah Ditambah Mesin *Pirn Winder* dan Dijalankan selama 696 jam.

Output Model Sebelum Ditambah Jumlah Mesin dan Dijalankan Selama 696 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving.mod

Date: Dec/14/2008 Time: 08:48:19 PM

Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1696 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
WIP in TFO	696	999999	1959	3748.98	175.86	223	220	0.02
WIP in VHS	696	999999	1739	5.53	0.23	3	0	0.00
WIP in Sect Warp	696	999999	1738	0.33	0.01	2	0	0.00
WIP in Jumbo Win	696	999999	1738	0.00	0	1	0	0.00
WIP in Draw In	696	999999	1738	2.95	0.12	4	0	0.00
WIP in Loom	696	999999	3497	409.79	34.31	58	53	0.00
WIP in Inspect	696	999999	1726	13.37	0.55	6	0	0.00
WIP in Pirn Winder	696	999999	4930	8522.19	1006.09	1270	1270	0.10

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	886	-	-	-	-	-
Benang Pakan	0	884	-	-	-	-	-
Benang gabungan	1738	878	14014.68	0.00	0.00	529.80	13484.88
Beam	1738	18	14233.49	0.00	7.93	781.80	13443.75
Bobin Besar	1738	12	14171.31	0.00	4.87	709.80	13456.64
Grey	1728	237	6240.48	0.00	0.00	5860.20	380.28

Output Model Setelah Ditambah Mesin Loom dan Dijalankan selama 696 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving Des '07.mod

Date: Dec/01/2008 Time: 07:34:55 PM

Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1696 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
WIP in TFO	696	999999	1962	3781.88	177.68	226	223	0.02
WIP in VHS	696	999999	1739	7.26	0.30	3	1	0.00
WIP in Sect Warp	696	999999	1737	2.38	0.09	2	0	0.00
WIP in Jumbo Win	696	999999	1737	0.00	0	1	0	0.00
WIP in Draw In	696	999999	1738	3.87	0.16	5	0	0.00
WIP in Loom	696	999999	3479	7.78	0.64	2	1	0.00
WIP in Inspect	696	999999	1739	1.76	0.07	4	1	0.00
WIP in Pirn Winder	696	999999	4924	8511.34	1003.59	1264	1264	0.10

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	886	-	-	-	-	-
Benang Pakan	0	885	-	-	-	-	-
Benang gabungan	1737	879	14027.89	0.00	0.00	529.80	13498.09
Beam	1740	2	14252.22	0.00	8.50	781.80	13461.92
Bobin Besar	1738	1	14184.69	0.00	7.07	709.80	13467.81
Grey	1737	246	5861.94	0.00	0.00	5860.20	1.74

Output Model Setelah Ditambah Mesin Twisting dan Dijalankan selama 696 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving Des '07.mod

Date: Dec/01/2008 Time: 07:36:09 PM

Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1696 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
WIP in TFO	696	999999	1830	2.04	0.08	2	0	0.00
WIP in VHS	696	999999	1831	5.47	0.24	3	0	0.00
WIP in Sect Warp	696	999999	1831	3.33	0.14	2	0	0.00
WIP in Jumbo Win	696	999999	1831	0.00	0	1	0	0.00
WIP in Draw In	696	999999	1831	1.95	0.08	2	0	0.00
WIP in Loom	696	999999	3663	5.03	0.44	2	1	0.00
WIP in Inspect	696	999999	1832	0.11	0.00	1	0	0.00
WIP in Pirn Winder	696	999999	4928	8519.63	1005.38	1268	1268	0.10

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	665	-	-	-	-	-
Benang Pakan	0	664	-	-	-	-	-
Benang gabungan	1831	656	10515.09	0.00	0.00	529.80	9985.29
Beam	1831	3	10746.01	0.00	7.53	781.80	9956.68
Bobin Besar	1831	0	10675.03	0.00	2.53	709.80	9962.69
Grey	1831	257	5860.31	0.00	0.00	5860.20	0.11

Output Model Setelah Ditambah Mesin Pirn Winder dan Dijalankan selama 696 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving Des '07.mod

Date: Dec/01/2008 Time: 07:37:07 PM

Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1696 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
WIP in TFO	696	999999	2261	4232.30	229.14	291	291	0.02
WIP in VHS	696	999999	1970	14.07	0.66	4	0	0.00
WIP in Sect Warp	696	999999	1995	692.39	33.07	44	40	0.00
WIP in Jumbo Win	696	999999	1970	0.00	0	1	0	0.00
WIP in Draw In	696	999999	1956	13.33	0.62	6	2	0.00
WIP in Loom	696	999999	4112	2530.74	249.19	331	312	0.02
WIP in Inspect	696	999999	1900	26.34	1.19	8	4	0.00
WIP in Pirn Winder	696	999999	4180	0.11	0.01	2	0	0.00

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	364	-	-	-	-	-
Benang Pakan	0	325	-	-	-	-	-
Benang gabungan	1970	315	5098.61	0.00	0.00	529.80	4568.81
Beam	1954	87	6012.40	0.00	5.33	781.80	5225.26
Bobin Besar	1970	74	5271.87	0.00	5.38	709.80	4556.69
Grey	1896	269	8322.64	0.00	0.00	5860.20	2462.44

LAMPIRAN C

Lampiran C berisi :

- Hasil Peramalan untuk Kain A
- Hasil Uji *Tracking Signal* untuk Kain A
- Hasil Peramalan untuk Kain B
- Hasil Uji *Tracking Signal* untuk Kain B
- Hasil Peramalan untuk Kain B
- Hasil Uji *Tracking Signal* untuk Kain B

Kain A

Bulan	Demand (m)
1	655000
2	600000
3	698000
4	647000
5	679000
6	678000
7	588000
8	613000
9	658000
10	611000
11	643000
12	692000

7762000

rata2 646833,3333
 std. deviasi 36870,37079
 CV 0,057001346

Konstan

Bulan	dt	dt'	dt - dt'	(dt - dt') ²	PE (%)
1	655000	646833,33	8166,67	66694498,89	1,246819847
2	600000	646833,33	-46833,33	2193360799	7,805555
3	698000	646833,33	51166,67	2618028119	7,330468481
4	647000	646833,33	166,67	27778,8889	0,025760433
5	679000	646833,33	32166,67	1034694659	4,737359352
6	678000	646833,33	31166,67	971361318,9	4,596853982
7	588000	646833,33	-58833,33	3461360719	10,00566837
8	613000	646833,33	-33833,33	1144694219	5,519303426
9	658000	646833,33	11166,67	124694518,9	1,69706231
10	611000	646833,33	-35833,33	1284027539	5,864702128
11	643000	646833,33	-3833,33	14694418,89	0,596163297
12	692000	646833,33	45166,67	2040028079	6,526975434
Jml	7762000	7762000		14953666666,67	

dt' 646833,3333
 MSE 1246138888,89

$$\begin{aligned}
 \text{MSE} &= \frac{\sum (dt - dt')^2}{n} \\
 &= \frac{14953666666.67}{12} \\
 &= 1246138888.89
 \end{aligned}$$

Single Moving Average

Bulan	dt	MA(2)	dt'	dt - dt'	(dt - dt') ²
1	655000				
2	600000	627500			
3	698000	649000	627500	70500	4970250000
4	647000	672500	649000	-2000	4000000
5	679000	663000	672500	6500	42250000
6	678000	678500	663000	15000	225000000
7	588000	633000	678500	-90500	8190250000
8	613000	600500	633000	-20000	400000000
9	658000	635500	600500	57500	3306250000
10	611000	634500	635500	-24500	600250000
11	643000	627000	634500	8500	72250000
12	692000	667500	627000	65000	4225000000
			667500		
Jml	7762000	7088500	6421000		22035500000

MSE 2203550000,00

Weighted Moving Average

Bulan	dt	WMA(2)	dt'	dt - dt'	(dt - dt') ²
1	655000				
2	600000	618333,33			
3	698000	665333,33	618333,33	79666,66667	6346777778
4	647000	664000	665333,33	-18333,33333	336111111,1
5	679000	668333,33	664000	15000	225000000
6	678000	678333,33	668333,33	9666,666667	93444444,44
7	588000	618000	678333,33	-90333,33333	8160111111
8	613000	604666,67	618000	-5000	25000000
9	658000	643000	604666,67	53333,33333	2844444444
10	611000	626666,67	643000	-32000	1024000000
11	643000	632333,33	626666,67	16333,33333	266777777,8
12	692000	675666,67	632333,33	59666,66667	3560111111
			675666,67		
Jml	7762000	7094666,7	6419000		2288177777,78

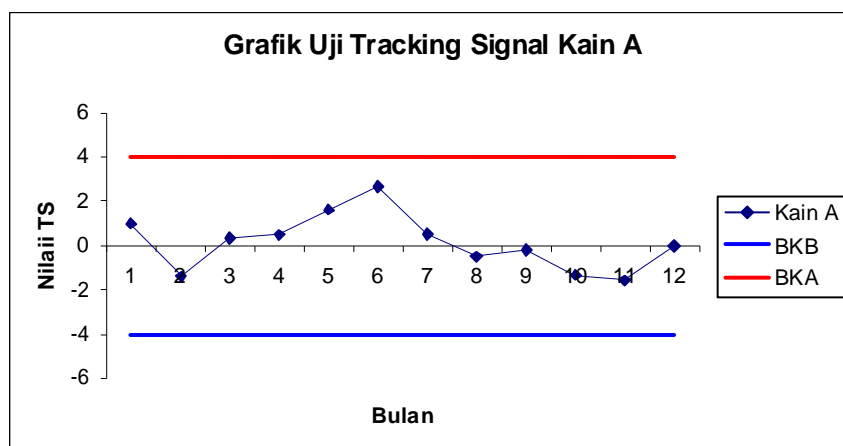
MSE 2288177777,78

Single Exponential Smoothing ($\alpha = 0.7$)

Bulan	dt	dt'	dt-dt'	(dt-dt') ²
1	655000			
2	600000	458500	141500	20022250000
3	698000	557550	140450	19726202500
4	647000	655865	-8865	78588225
5	679000	649659,5	29340,5	860864940,3
6	678000	670197,85	7802,15	60873544,62
7	588000	675659,36	-87659,36	7684162519
8	613000	614297,81	-1297,806	1684301,711
9	658000	613389,34	44610,658	1990110812
10	611000	644616,8	-33616,8	1130089416
11	643000	621085,04	21914,959	480265437,8
12	692000	636425,51	55574,488	3088523691
		675327,65		
Jml	7762000			55123615386,71

MSE 5011237762,43

Bulan	dt	dt'	dt-dt'	rsfe	dt-dt'	kum dt-dt'	mad=mae	TS
1	655000	646833,33	8166,67	8166,67	8166,67	8166,67	8166,67	1
2	600000	646833,33	-46833,33	-38666,66	46833,33	55000	27500	-1,406060364
3	698000	646833,33	51166,67	12500,01	51166,67	106166,67	35388,89	0,353218482
4	647000	646833,33	166,67	12666,68	166,67	106333,34	26583,335	0,4764895
5	679000	646833,33	32166,67	44833,35	32166,67	138500,01	27700,002	1,618532374
6	678000	646833,33	31166,67	76000,02	31166,67	169666,68	28277,78	2,687623286
7	588000	646833,33	-58833,33	17166,69	58833,33	228500,01	32642,8586	0,5258942
8	613000	646833,33	-33833,33	-16666,64	33833,33	262333,34	32791,6675	-0,508258386
9	658000	646833,33	11166,67	-5499,97	11166,67	273500,01	30388,89	-0,180986209
10	611000	646833,33	-35833,33	-41333,3	35833,33	309333,34	30933,334	-1,33620579
11	643000	646833,33	-3833,33	-45166,63	3833,33	313166,67	28469,6973	-1,586480867
12	692000	646833,33	45166,67	0,04	45166,67	358333,34	29861,1117	1,33953E-06
Jml	7762000	7762000						



Kain B

Bulan	Demand (m)
1	583000
2	561000
3	645000
4	538000
5	670000
6	582000
7	605000
8	552000
9	593000
10	567000
11	536000
12	600000
	7032000

rata2 586000
 std. deviasi 40579,88754
 CV 0,069248955

Konstan

Bulan	dt	dt'	dt - dt'	(dt - dt') ²
1	583000	586000	-3000	9000000
2	561000	586000	-25000	625000000
3	645000	586000	59000	3481000000
4	538000	586000	-48000	2304000000
5	670000	586000	84000	7056000000
6	582000	586000	-4000	16000000
7	605000	586000	19000	361000000
8	552000	586000	-34000	1156000000
9	593000	586000	7000	49000000
10	567000	586000	-19000	361000000
11	536000	586000	-50000	2500000000
12	600000	586000	14000	196000000
Jml	7032000	7032000		18114000000

dt' 586000
 MSE 1509500000

$$\begin{aligned}
 \text{MSE} &= \frac{\sum (dt - dt')^2}{n} \\
 &= \frac{1811400000}{12} \\
 &= 1509500000
 \end{aligned}$$

Single Moving Average

Bulan	dt	MA(2)	dt'	dt - dt'	(dt - dt') ²
1	583000				
2	561000	572000			
3	645000	603000	572000	73000	5329000000
4	538000	591500	603000	-65000	4225000000
5	670000	604000	591500	78500	6162250000
6	582000	626000	604000	-22000	484000000
7	605000	593500	626000	-21000	441000000
8	552000	578500	593500	-41500	1722250000
9	593000	572500	578500	14500	210250000
10	567000	580000	572500	-5500	30250000
11	536000	551500	580000	-44000	1936000000
12	600000	568000	551500	48500	2352250000
			568000		
Jml	7032000	6440500	5872500		22892250000

MSE 2289225000

Weighted Moving Average

Bulan	dt	WMA(2)	dt'	dt - dt'	(dt - dt') ²
1	583000				
2	561000	568333,33			
3	645000	617000	568333,33	76666,66667	5877777778
4	538000	573666,67	617000	-79000	6241000000
5	670000	626000	573666,67	96333,33333	9280111111
6	582000	611333,33	626000	-44000	1936000000
7	605000	597333,33	611333,33	-6333,33333	40111111,11
8	552000	569666,67	597333,33	-45333,33333	2055111111
9	593000	579333,33	569666,67	23333,33333	544444444,4
10	567000	575666,67	579333,33	-12333,33333	152111111,1
11	536000	546333,33	575666,67	-39666,6667	1573444444
12	600000	578666,67	546333,33	53666,66667	2880111111
			578666,67		
Jml	7032000	6443333,3	5864666,7		3058022222

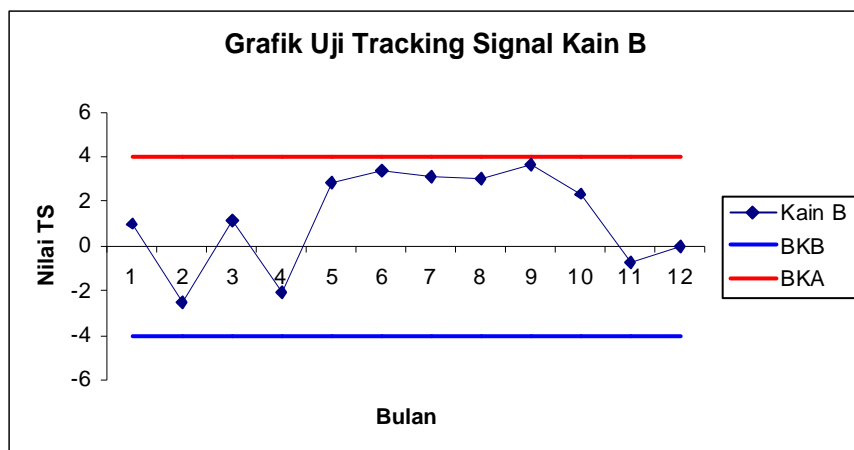
MSE 3058022222

Single Exponential Smoothing ($\alpha = 0.7$)

Bulan	dt	dt'	dt-dt'	(dt-dt') ²
1	583000			
2	561000	408100	152900	23378410000
3	645000	515130	129870	16866216900
4	538000	606039	-68039	4629305521
5	670000	558411,7	111588,3	12451948697
6	582000	636523,51	-54523,51	2972813143
7	605000	598357,05	6642,947	44128744,84
8	552000	603007,12	-51007,12	2601725872
9	593000	567302,13	25697,865	660380277,4
10	567000	585290,64	-18290,64	334547527,4
11	536000	572487,19	-36487,19	1331315189
12	600000	546946,16	53053,842	2814710189
		584083,85		
Jml	7032000			68085502061

MSE 6189591096

Bulan	dt	dt'	dt-dt'	rsfe	dt-dt'	kum dt-dt'	mad=mae	TS
1	583.000	586.000	-3000	-3000	-3000	-3000	-3000	1
2	561.000	586.000	-25000	-28000	25000	22000	11000	-2,545454545
3	645.000	586.000	59000	31000	59000	81000	27000	1,148148148
4	538.000	586.000	-48000	-17000	-48000	33000	8250	-2,060606061
5	670.000	586.000	84000	67000	84000	117000	23400	2,863247863
6	582.000	586.000	-4000	63000	-4000	113000	18833,333	3,345132743
7	605.000	586.000	19000	82000	-19000	94000	13428,571	3,106382979
8	552.000	586.000	-34000	48000	34000	128000	16000	3
9	593.000	586.000	7000	55000	7000	135000	15000	3,666666667
10	567.000	586.000	-19000	36000	19000	154000	15400	2,337662338
11	536.000	586.000	-50000	-14000	50000	204000	18545,455	-0,754901961
12	600.000	586.000	14000	0	14000	218000	18166,667	0
Jml	7.032.000	7.032.000						



Kain C

Bulan	Demand (m)
1	635000
2	551000
3	550000
4	516000
5	509000
6	505500
7	609000
8	603000
9	548000
10	504000
11	497000
12	597000
	6624500

rata2 552041,67
 std. deviasi 48073,08
 CV 0,08708

Konstan

Bulan	dt	dt'	dt - dt'	(dt - dt') ²
1	635000	552041,67	82958,33	6882084516
2	551000	552041,67	-1041,67	1085076,389
3	550000	552041,67	-2041,67	4168416,389
4	516000	552041,67	-36041,67	1299001976
5	509000	552041,67	-43041,67	1852585356
6	505500	552041,67	-46541,67	2166127046
7	609000	552041,67	56958,33	3244251356
8	603000	552041,67	50958,33	2596751396
9	548000	552041,67	-4041,67	16335096,39
10	504000	552041,67	-48041,67	2308002056
11	497000	552041,67	-55041,67	3029585436
12	597000	552041,67	44958,33	2021251436
Jml	6624500	6624500		25421229167

dt' 552041,6667
 MSE 2118435764

$$\begin{aligned}
 \text{MSE} &= \frac{\sum (dt - dt')^2}{n} \\
 &= \frac{2542122916}{12} \\
 &= 2118435764
 \end{aligned}$$

Single Moving Average

Bulan	dt	MA(2)	dt'	dt - dt'	(dt - dt') ²
1	635000				
2	551000	593000			
3	550000	550500	593000	-43000	1849000000
4	516000	533000	550500	-34500	1190250000
5	509000	512500	533000	-24000	576000000
6	505500	507250	512500	-7000	49000000
7	609000	557250	507250	101750	10353062500
8	603000	606000	557250	45750	2093062500
9	548000	575500	606000	-58000	3364000000
10	504000	526000	575500	-71500	5112250000
11	497000	500500	526000	-29000	841000000
12	597000	547000	500500	96500	9312250000
			547000		
Jml	6624500	6008500	5461500		34739875000

MSE 3473987500

Weighted Moving Average

Bulan	dt	WMA(2)	dt'	dt - dt'	(dt - dt') ²
1	635000				
2	551000	579000			
3	550000	550333,33	579000	-29000	841000000
4	516000	527333,33	550333,33	-34333,3333	1178777778
5	509000	511333,33	527333,33	-18333,3333	336111111,1
6	505500	506666,67	511333,33	-5833,33333	34027777,78
7	609000	574500	506666,67	102333,3333	10472111111
8	603000	605000	574500	28500	812250000
9	548000	566333,33	605000	-57000	3249000000
10	504000	518666,67	566333,33	-62333,3333	3885444444
11	497000	499333,33	518666,67	-21666,6667	469444444,4
12	597000	563666,67	499333,33	97666,66667	9538777778
			563666,67		
Jml	6624500	6002166,7	5438500		30816944444

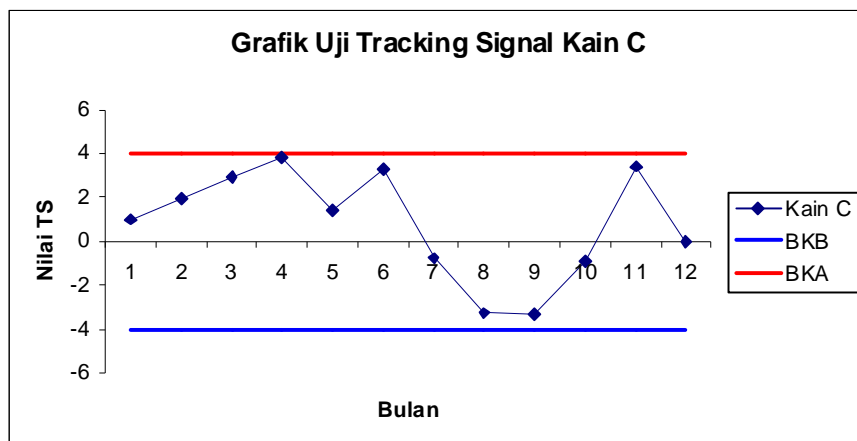
MSE 3081694444

Single Exponential Smoothing ($\alpha = 0.7$)

Bulan	dt	dt'	dt-dt'	(dt-dt') ²
1	635000			
2	551000	444500	106500	11342250000
3	550000	519050	30950	957902500
4	516000	540715	-24715	610831225
5	509000	523414,5	-14414,5	207777810,3
6	505500	513324,35	-7824,35	61220452,92
7	609000	507847,31	101152,7	10231867706
8	603000	578654,19	24345,809	592718391,5
9	548000	595696,26	-47696,26	2274932975
10	504000	562308,88	-58308,88	3399925164
11	497000	521492,66	-24492,66	599890549,2
12	597000	504347,8	92652,201	8584430359
		569204,34		
Jml	6624500			38863747133

MSE 3533067921

Bulan	dt	dt'	dt-dt'	rsfe	dt-dt'	kum dt-dt'	mad=mae	TS
1	635.000	552.041,67	82958,33	82958,33	82958,33	82958,33	82958,33	1
2	551.000	552.041,67	-1041,67	81916,66	1041,67	84000	42000	1,950396667
3	550.000	552.041,67	-2041,67	79874,99	2041,67	81958,33	27319,443	2,923741492
4	516.000	552.041,67	-36041,67	43833,32	36041,67	45916,66	11479,165	3,81851119
5	509.000	552.041,67	-43041,67	791,65	43041,67	2874,99	574,998	1,376787398
6	505.500	552.041,67	-46541,67	-45750,02	46541,67	-43666,68	-7277,78	3,286260371
7	609.000	552.041,67	56958,33	11208,31	56958,33	-100625	-14375	-0,77970844
8	603.000	552.041,67	50958,33	62166,64	50958,33	-151583,3	-18947,92	-3,28092203
9	548.000	552.041,67	-4041,67	58124,97	4041,67	-155625	-17291,67	-3,36144383
10	504.000	552.041,67	-48041,67	10083,3	48041,67	-107583,3	-10758,33	-0,93725478
11	497.000	552.041,67	-55041,67	-44958,37	55041,67	-52541,67	-4776,515	3,412378213
12	597.000	552.041,67	44958,33	-0,04	44958,33	-7583,34	-631,945	3,32966E-05
Jml	6.624.500	6.624.500,04						



LAMPIRAN D

Lampiran D berisi :

- Output Model Sebelum Ditambah Jumlah Mesin dan Dijalankan selama 624 jam.
- Output Model Setelah Ditambah Mesin *Loom* dan Dijalankan selama 624 jam.
- Output Model Setelah Ditambah Mesin *Twisting* dan Dijalankan selama 624 jam.
- Output Model Setelah Ditambah Mesin *Sectional Warper* dan Dijalankan selama 624 jam.

Output Model Sebelum Ditambah Jumlah Mesin dan Dijalankan selama 624 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving Des '07\Weaving Des '07.mod
 Date: Dec/01/2008 Time: 07:23:07 PM

 Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1624 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
WIP in TFO	624	999999	2045	4082.57	222.99	279	279	0.02
WIP in VHS	624	999999	1766	13.08	0.61	4	0	0.00
WIP in Sect Warp	624	999999	1791	675.32	32.30	42	40	0.00
WIP in Jumbo Win	624	999999	1766	0.00	0	1	0	0.00
WIP in Draw In	624	999999	1752	12.90	0.60	6	0	0.00
WIP in Loom	624	999999	3707	2442.47	241.83	307	297	0.02
WIP in Inspect	624	999999	1703	26.69	1.21	8	1	0.00
WIP in Pirn Winder	624	999999	3746	0.11	0.01	2	0	0.00

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	351	-	-	-	-	-
Benang Pakan	0	312	-	-	-	-	-
Benang gabungan	1766	302	4974.56	0.00	0.00	529.80	4444.76
Beam	1752	80	5872.71	0.00	5.31	781.80	5085.60
Bobin Besar	1766	71	5147.85	0.00	5.42	709.80	4432.62
Grey	1702	268	8246.46	0.00	0.00	5860.20	2386.26

Output Model Setelah Ditambah Jumlah Mesin Loom dan Dijalankan selama 624 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving_forecast.mod

Date: Dec/01/2008 Time: 07:29:27 PM

Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1624 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
WIP in TFO	624	999999	2043	4102.44	223.86	279	278	0.02
WIP in VHS	624	999999	1767	12.85	0.60	3	0	0.00
WIP in Sect Warp	624	999999	1788	617.29	29.47	39	36	0.00
WIP in Jumbo Win	624	999999	1767	0.00	0	1	0	0.00
WIP in Draw In	624	999999	1753	12.05	0.56	5	1	0.00
WIP in Loom	624	999999	3519	5.34	0.50	2	1	0.00
WIP in Inspect	624	999999	1759	3.05	0.14	2	0	0.00
WIP in Pirn Winder	624	999999	3746	0.10	0.01	2	0	0.00

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	348	-	-	-	-	-
Benang Pakan	0	311	-	-	-	-	-
Benang gabungan	1767	303	4990.85	0.00	0.00	529.80	4461.05
Beam	1751	5	5831.26	0.00	4.73	781.80	5044.72
Bobin Besar	1767	0	5167.14	0.00	5.94	709.80	4451.40
Grey	1759	276	5863.25	0.00	0.00	5860.20	3.05

Output Model Setelah Ditambah Mesin Twisting dan Dijalankan selama 624 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving_forecast.mod

Date: Dec/01/2008 Time: 07:30:57 PM

Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1624 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
WIP in TFO	624	999999	1874	0.00	0.00	1	0	0.00
WIP in VHS	624	999999	1874	0.05	0.00	1	0	0.00
WIP in Sect Warp	624	999999	2066	4607.70	254.26	315	315	0.03
WIP in Jumbo Win	624	999999	1874	0.00	0	1	0	0.00
WIP in Draw In	624	999999	1753	13.19	0.61	5	0	0.00
WIP in Loom	624	999999	3628	5.30	0.51	2	0	0.00
WIP in Inspect	624	999999	1813	2.17	0.10	2	0	0.00
WIP in Pirn Winder	624	999999	3746	0.05	0.00	2	0	0.00

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	350	-	-	-	-	-
Benang Pakan	0	35	-	-	-	-	-
Benang gabungan	1874	26	529.91	0.00	0.00	529.80	0.11
Beam	1753	3	5863.38	0.00	4.91	781.80	5076.66
Bobin Besar	1875	0	715.59	0.00	5.67	709.80	0.11
Grey	1813	284	5862.36	0.00	0.00	5860.20	2.16

Output Model Setelah Ditambah Mesin Sectional Warper dan Dijalankan selama 624 jam

 General Report

Output from D:\DuTieS\TA\Model Weaving-241108\Weaving_forecast.mod

Date: Dec/01/2008 Time: 07:32:15 PM

Scenario : Normal Run
 Replication : 1 of 1
 Warmup Time : 1000 hr
 Simulation Time : 1624 hr

LOCATIONS

Location Name	Scheduled Hours	Capacity	Total Entries	Average Minutes Per Entry	Average Contents	Maximum Contents	Current Contents	% Util
WIP in TFO	624	999999	1874	0.00	0.00	1	0	0.00
WIP in VHS	624	999999	1874	1.09	0.05	4	0	0.00
WIP in Sect Warp	624	999999	1874	0.88	0.04	2	0	0.00
WIP in Jumbo Win	624	999999	1874	0.00	0	1	0	0.00
WIP in Draw In	624	999999	1894	635.34	32.14	45	43	0.00
WIP in Loom	624	999999	3731	48.20	4.80	19	9	0.00
WIP in Inspect	624	999999	1869	119.19	5.95	12	3	0.00
WIP in Pirn Winder	624	999999	3746	0.05	0.00	2	0	0.00

ENTITY ACTIVITY

Entity Name	Total Exits	Current Quantity In System	Average Minutes In System	Average Minutes In Move Logic	Average Minutes Wait For Res, etc.	Average Minutes In Operation	Average Minutes Blocked
Benang Lusi	0	36	-	-	-	-	-
Benang Pakan	0	35	-	-	-	-	-
Benang gabungan	1874	26	530.96	0.00	0.00	529.80	1.16
Beam	1851	48	1430.72	0.00	5.37	781.80	643.55
Bobin Besar	1873	3	716.09	0.00	5.13	709.80	1.16
Grey	1866	293	6028.98	0.00	0.00	5860.20	168.78