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APPENDICES

APPENDIX A

Description of two product groups

Table A.1

1. Supplier: Siam Fiber-Cement
Lead time: 3 days

Item	Product code	Product description	Unit weight (kgs / piece)	Unit cost (baht)
1	2000120	Roman tile elephant 50x120x0.5cm. uncolor	6.2	38
2	2000150	Roman tile elephant 50x150x0.5cm. uncolor	7.7	50
3	2013120	Roman tile elephant 50x120x0.5cm. red	6.2	52
4	2015120	Roman tile elephant 50x120x0.5cm. green	6.2	52
5	2017120	Roman tile elephant 50x120x0.5cm. cocoa	6.2	52
6	2011121	Roman tile elephant 50x120x0.5cm. light blue	6.2	52
7	2019120	Roman tile elephant 50x120x0.5cm. dark blue	6.2	52
8	2090121	Roman tile tiger 50x120x0.4cm. uncolor	5.0	26
9	2020120	Small corrugated sheet 54x120x0.4cm. Uncolor	5.4	36
10	2064040	Flat sheet elephant 60x240x0.4cm.	10.1	73
11	2064240	Flat sheet elephant 120x240x0.4cm.	20.2	133
12	2066240	Flat sheet elephant 120x240x0.6cm.	30.3	203

Table A.2

2. Supplier: Siam Gypsum Industry

Lead time: 3 days

Item	Product code	Product description	Unit weight (kgs / piece)	Unit cost (baht)
1	G201000	Gypsum board standard type Square-edge 120x240cm.	20.0	185
2	G202000	Gypsum board standard type Tapered-edge 120x240cm.	20.0	185
3	G211000	Gypsum board aluminium foil-laminated Square-edge 120x240cm.	20.0	243
4	G212000	Gypsum board aluminium foil-laminated Tapered-edge 120x240cm.	20.0	243
5	G231000	Gypsum board moisture resistant Square-edge 120x240cm.	22.0	245
6	G232000	Gypsum board moisture resistant Tapered-edge 120x240cm.	22.0	245

APPENDIX B

Daily demand and inventory position data

Table B.1

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	2000120	Demand	127	600	500	500	1280	0	0	20	410	520	760	15	0	0	0		
		On hand inventory	5990	5863	5263	4763	4263	2983	2983	2983	2963	2553	2033	1273	1258	1258	1258		
		On order																	
		Replenishment																	
		Inventory position	5990	5863	5263	4763	4263	2983	2983	2983	2963	2553	2033	1273	1258	1258	1258		
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	320	0	0	15	0	0	0	0	34	1	72
		On hand inventory	1258	1258	1858	1858	1858	1858	1858	1858	1538	1538	1538	1523	1523	1523	1523	1489	1488
		On order	600	600															
		Replenishment			600														
		Inventory position	1858	1858	1858	1858	1858	1858	1858	1858	1538	1538	1538	1523	1523	1523	1523	1489	1488

Table B.2

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	2000120	Demand	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0		
		On hand inventory	1416	1416	1416	1416	1416	1416	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	
		On order																	
		Replenishment																	
		Inventory position	1416	1416	1416	1416	1416	1416	1412	1412	1412	1412	1412	1412	1412	1412	1412	1412	21204
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	0	126	0	0	360	236	0	0	0	0	0	0	0	0	
		On hand inventory	1412	1412	1412	1412	1286	1286	1286	926	690	690	690	690	690	690	690	690	
		On order																	
		Replenishment																	
		Inventory position	1412	1412	1412	1412	1286	1286	1286	926	690	690	690	690	690	690	690	690	15262



Table B.3

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	2001120	Demand	0	0	0	0	63	0	0	0	0	161	0	0	0	0	0		
		On hand inventory	690	690	690	690	690	627	627	627	627	627	466	466	466	466	466	466	
		On order																	
		Replenishment																	
		Inventory position	690	690	690	690	690	627	627	627	627	627	466	466	466	466	466	466	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	32	0	0	1	0	0	0	0	0	0	60	0	0	0
		On hand inventory	466	466	466	466	434	434	434	433	433	433	433	433	433	433	373	573	573
		On order														200	200		
		Replenishment																	200
		Inventory position	466	466	466	466	434	434	434	433	433	433	433	433	433	633	573	573	573

Table B.4

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
2	2000150	Demand	0	0	15	26	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	420	420	420	405	379	379	379	379	379	379	379	379	379	379	379	379
		On order																
		Replenishment																
		Inventory position	420	420	420	405	379	379	379	379	379	379	379	379	379	379	379	379
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Demand	0	0	0	0	0	0	0	177	0	0	0	0	0	0	0	0
		On hand inventory	379	379	379	379	379	379	379	379	202	202	202	202	202	202	202	202
		On order																
		Replenishment																
		Inventory position	379	379	379	379	379	379	379	379	202	202	202	202	202	202	202	202

Table B.5

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
2	2000150	Demand	0	0	0	0	0	0	18	0	0	0	0	0	0	0	0	
		On hand inventory	202	202	202	202	202	202	202	202	184	184	184	184	184	184	184	184
		On order																
		Replenishment																
		Inventory position	202	202	202	202	202	202	202	202	184	184	184	184	184	184	184	184
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
		Demand	0	0	0	13	0	0	0	22	0	0	0	0	0	0	0	0
		On hand inventory	184	184	184	184	171	171	171	171	149	149	149	149	149	149	149	149
		On order																
		Replenishment																
		Inventory position	184	184	184	184	171	171	171	171	149	149	149	149	149	149	149	149

Table B.6

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2	2000150	Demand	0	0	0	0	0	10	60	0	0	0	0	0	0	0	240		
		On hand inventory	149	149	149	149	149	149	139	479	479	479	479	479	479	479	479	479	
		On order							400	400									
		Replenishment									400								
		Inventory position	149	149	149	149	149	549	539	479	479	479	479	479	479	479	479	479	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0
		On hand inventory	479	479	479	479	479	479	479	475	475	475	475	475	475	475	475	475	475
		On order																	
		Inventory position	479	479	479	479	479	479	479	475	475	475	475	475	475	475	475	475	475

Table B.7

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
3	2013120	Demand	0	140	649	200	227	252	0	220	400	165	0	0	0	0	0		
		On hand inventory	2616	2616	2476	1827	1627	1400	1148	1148	928	528	363	363	363	363	363	363	
		On order																	
		Replenishment																	
		Inventory position	2616	2616	2476	1827	1627	1400	1148	1148	928	528	363	363	363	363	363	363	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	80	0	0	0	0	400	0	0	12	150	0	
		On hand inventory	363	363	695	695	695	695	615	615	615	1655	1655	1255	1255	1255	1243	1093	
		On order	332	332						1040	1040								
		Replenishment			332							1040							
		Inventory position	695	695	695	695	695	695	615	1655	1655	1655	1655	1255	1255	1255	1243	1093	

Table B.8

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	2013120	Demand	0	80	0	0	0	0	38	150	0	0	0	0	0	0	0	
		On hand inventory	1093	1093	1013	1013	1013	1013	1013	1013	975	825	825	825	825	825	825	825
		On order																
		Replenishment																
		Inventory position	1093	1093	1013	1013	1013	1013	1013	1013	975	825	825	825	825	825	825	825
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
		Demand	0	0	0	0	0	0	73	0	0	10	25	0	123	416	0	
		On hand inventory	825	825	825	825	825	825	825	825	825	825	815	790	790	667	251	
		On order																
		Replenishment																
		Inventory position	825	825	825	825	825	825	825	825	825	825	815	790	790	667	251	

Table B.9

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
3	2013120	Demand	0	0	0	0	0	0	0	0	0	0	84	0	0	0	0		
		On hand inventory	251	251	251	251	251	251	251	251	251	251	251	251	167	167	167	167	
		On order																	
		Replenishment																	
		Inventory position	251	251	251	251	251	251	251	251	251	251	251	251	167	167	167	167	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	6	0	0	84	0	0	0	0	0	30	0	0	0	0	0	
		On hand inventory	167	167	161	161	161	77	77	77	77	77	77	77	47	957	957	957	957
		On order												910	910				
		Replenishment														910			
		Inventory position	167	167	161	161	161	77	77	77	77	77	987	957	957	957	957	957	

Table B.10

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
4	2015120	Demand	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	573	573	573	528	528	528	528	528	528	528	528	528	528	528	528	528	
		On order																	
		Replenishment																	
		Inventory position	573	573	573	528	528	528	528	528	528	528	528	528	528	528	528	528	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	230	0	0	0	0	0	272	0	0	0	0	
		On hand inventory	528	528	528	528	528	528	298	298	298	298	298	298	298	56	56	56	56
		On order																	
		Replenishment																	
		Inventory position	528	528	528	528	528	528	298	298	298	298	298	298	298	56	56	56	56

Table B.11

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
4	2015120	Demand	0	0	0	0	0	0	0	0	0	460	0	0	0	0	0		
		On hand inventory	56	56	56	56	56	56	56	56	56	56	56	116	116	116	116	116	
		On order										520	520						
		Replenishment												520					
		Inventory position	56	56	56	56	56	56	56	56	56	576	576	116	116	116	116	116	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116
		On order																	
		Replenishment																	
		Inventory position	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116

Table B.12

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
4	2015120	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	
		On order																	
		Replenishment																	
		Inventory position	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	116	116	316	316	291	291	291	291	291	291	291	291	291	291	291	581	581
		On order	200	200												290	290		
		Replenishment			200														290
		Inventory position	316	316	316	316	291	291	291	291	291	291	291	291	291	581	581	581	581

Table B.13

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
5	2017120	Demand	0	0	0	0	0	359	0	0	0	0	0	0	0	0	0		
		On hand inventory	2305	2305	2305	2305	2305	2305	2305	1946	1946	1946	1946	1946	1946	1946	1946	1946	
		On order																	
		Replenishment																	
		Inventory position	2305	2305	2305	2305	2305	2305	2305	1946	1946	1946	1946	1946	1946	1946	1946	1946	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	7	0	0	0	0	0	0	0	0	132	0	0	0	0	0
		On hand inventory	1946	1946	1946	1939	1939	1939	1939	1939	1939	1939	1939	1939	1807	1807	1807	1807	1807
		On order																	
		Replenishment																	
		Inventory position	1946	1946	1946	1939	1939	1939	1939	1939	1939	1939	1939	1939	1807	1807	1807	1807	1807

Table B.14

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
5	2017120	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		On hand inventory	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807		
		On order																		
		Replenishment																		
		Inventory position	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807		
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	280	0	0	1030		
		On hand inventory	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1527	1527	1527	
		On order																		
		Replenishment																		
		Inventory position	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1807	1527	1527	1527		

Table B.15

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
5	2017120	Demand	0	0	0	0	0	390	0	25	0	0	0	0	0	0	0		
		On hand inventory	497	497	497	497	497	497	107	107	82	82	82	82	82	82	82	82	
		On order																	
		Replenishment																	
		Inventory position	497	497	497	497	497	497	107	107	82	82	82	82	82	82	82	82	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	82	82	82	82	82	82	82	922	922	922	922	922	922	922	922	1412	1412
		On order							840	840						430	490		
		Replenishment									840								490
		Inventory position	82	82	82	82	82	82	922	922	922	922	922	922	922	1412	1412	1412	1412

Table B.16

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
6	2011121	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	
		On order																	
		Replenishment																	
		Inventory position	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780
		On order																	
		Replenishment																	
		Inventory position	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780

Table B.17

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
6	2011121	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	
		On order																	
		Replenishment																	
		Inventory position	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	
		On order																	
		Replenishment																	
		Inventory position	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	

Table B.18

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
6	2011121	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	
		On order																	
		Replenishment																	
		Inventory position	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	980	980
		On order														200	200		
		Replenishment																	200
		Inventory position	780	780	780	780	780	780	780	780	780	780	780	780	780	980	980	980	980

Table B.19

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
7	2019120	Demand	0	0	0	59	0	220	0	266	90	120	0	0	212	0	215	
		On hand inventory	3000	3000	3000	3000	2941	2941	2741	2741	2475	2385	2265	2265	2265	2053	2053	
		On order																
		Replenishment																
		Inventory position	3000	3000	3000	3000	2941	2941	2741	2741	2475	2385	2265	2265	2265	2053	2053	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Demand	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	1838	1838	2138	2138	2138	2658	2658	2658	2658	2658	2658	2658	2658	2658	2658	2658
		On order	400	400		520	520											
		Replenishment			400			520										
		Inventory position	2238	2238	2138	2658	2658	2658	2658	2658	2658	2658	2658	2658	2658	2658	2658	2658

Table B.20

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
7	2019120	Demand	0	189	345	0	0	0	0	0	0	220	0	0	0	0	0		
		On hand inventory	2658	2658	2469	2124	2124	2124	2124	2124	2124	2124	2124	1904	1904	1904	1904	1904	
		On order																	
		Replenishment																	
		Inventory position	2658	2658	2469	2124	2124	2124	2124	2124	2124	2124	2124	1904	1904	1904	1904	1904	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	90	31	0	0	0	0	0	0	0	300	0	0	650	0	
		On hand inventory	1904	1904	1904	1814	1783	2043	2563	2563	2563	2563	2563	2563	2263	2263	2263	1613	
		On order				260	780	520											
		Inventory position	1904	1904	1904	2074	2563	2563	2563	2563	2563	2563	2563	2263	2263	2263	1613		

Table B.21

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
7	2019120	Demand	0	0	316	0	31	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	1613	1613	1613	1297	1297	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	
		On order																	
		Replenishment																	
		Inventory position	1613	1613	1613	1297	1297	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	250	0	0	0	1	0	0	0	0	0	0
		On hand inventory	1266	1266	1266	1266	1266	1266	1266	1016	1016	1016	1016	1015	1015	1015	1015	1015	1015
		On order																	
		Inventory position	1266	1266	1266	1266	1266	1266	1266	1016	1016	1016	1016	1015	1015	1015	1015	1015	1015

Table B.22

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
8	2090121	Demand	0	0	465	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	1800	1800	1800	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335
		On order																
		Replenishment																
		Inventory position	1800	1800	1800	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335	1335
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Demand	0	0	0	0	0	0	0	180	0	0	0	0	0	0	0	0
		On hand inventory	1335	1335	1644	1644	1644	1644	1644	1644	1464	1464	1464	1464	1464	1464	1464	1464
		On order	309	309														
		Replenishment			309													
		Inventory position	1644	1644	1644	1644	1644	1644	1644	1644	1464	1464	1464	1464	1464	1464	1464	1464

Table B.23

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
8	2090121	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		On hand inventory	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464		
		On order																		
		Replenishment																		
		Inventory position	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464		
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	
		On order																		
		Replenishment																		
		Inventory position	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	

Table B.24

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
8	2090121	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
		On hand inventory	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464		
		On order																		
		Replenishment																		
		Inventory position	1464	1434	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464		
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	
		On hand inventory	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1424	1424	
		On order																		
		Replenishment																		
		Inventory position	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1464	1424	1424	

Table B.25

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
9	2020120	Demand	0	0	0	0	170	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	241	241	241	241	241	71	71	71	71	71	71	71	71	71	71	71	
		On order																	
		Replenishment																	
		Inventory position	241	241	241	241	241	71	71	71	71	71	71	71	71	71	71	71	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	71	71	71	71	71	71	61	61	61	61	61	61	61	61	61	61	61
		On order																	
		Inventory position	71	71	71	71	71	71	61	61	61	61	61	61	61	61	61	61	61

Table B.26

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
9	2020120	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	
		On order																	
		Replenishment																	
		Inventory position	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	
		April / Day	13	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	61	61	61	61	61	161	161	161	161	161	161	161	161	161	161	161	
		On order				100	100												
		Replenishment						100											
		Inventory position	61	61	61	161	161	161	161	161	161	161	161	161	161	161	161	161	

Table B.27

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
9	2020120	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	
		On order																	
		Replenishment																	
		Inventory position	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	161	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	161	161	161	161	161	161	161	161	161	161	161	161	161	361	361	361	361
		On order											200	200					
		Replenishment													200				
		Inventory position	161	161	161	161	161	161	161	161	161	161	361	361	361	361	361	361	

Table B.28

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
10	2064040	Demand	0	0	0	0	0	0	120	615	235	190	45	0	0	0	0	
		On hand inventory	2127	2127	2127	2127	2127	2127	2127	2127	2007	1392	1158	967	922	1222	1222	1222
		On order												300	300			
		Replenishment														300		
		Inventory position	2127	2127	2127	2127	2127	2127	2127	2127	2007	1392	1158	1267	1222	1222	1222	1222
	March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	Demand	0	200	0	0	200	0	0	0	0	0	0	0	0	0	0	0	0
	On hand inventory	1222	1222	1022	1022	1022	822	822	822	822	822	822	822	822	822	822	822	822
	On order																	
	Replenishment																	
Inventory position	1222	1222	1022	1022	1022	822	822	822	822	822	822	822	822	822	822	822	822	

Table B.29

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
10	2064040	Demand	0	0	30	0	0	0	75	0	0	0	0	0	0	0	0	
		On hand inventory	822	822	822	792	792	792	792	717	717	717	717	717	717	717	717	717
		On order																
		Replenishment																
		Inventory position	822	822	322	792	792	792	792	717	717	717	717	717	717	717	717	717
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
		Demand	0	0	0	0	0	10	0	44	0	0	0	0	0	0	5	0
		On hand inventory	717	717	717	717	417	1117	1107	1107	1063	1063	1063	1063	1063	1063	1063	1058
		On order				400	400											
		Inventory position	717	717	717	1117	1117	1117	1107	1107	1063	1063	1063	1063	1063	1063	1063	1058

Table B.30

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
10	2064040	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058
		On order																	
		Replenishment																	
		Inventory position	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058	1058
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	1058	358	1168	1168	1168	1168	1168	1168	1168	1168	1168	1168	1168	1268	1268	1268	1268
		On order	110	110									100	100					
		Replenishment			110											100			
		Inventory position	1168	1168	1168	1168	1168	1168	1168	1168	1168	1168	1168	1268	1268	1268	1268	1268	1268

Table B.31

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
11	2064240	Demand	0	0	16	0	4	0	6	40	0	1	9	0	13	0	0		
		On hand inventory	500	500	300	484	484	480	480	474	434	434	433	424	424	411	411		
		On order																	
		Replenishment																	
		Inventory position	500	500	500	484	484	480	480	474	434	434	433	424	424	411	411		
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	52	0	0	23	0	0	0	0	0	13	40	
		On hand inventory	411	411	411	411	411	411	359	359	359	336	336	336	336	336	336	336	323
		On order																	
		Inventory position	411	411	411	411	411	411	359	359	359	336	336	336	336	336	336	336	323

Table B.32

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
11	2064240	Demand	6	30	3	0	0	0	0	0	0	0	0	27	0	0	0		
		On hand inventory	283	277	247	244	244	244	244	244	244	244	244	244	244	217	217	217	
		On order																	
		Replenishment																	
		Inventory position	283	277	247	244	244	244	244	244	244	244	244	244	244	217	217	217	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	0	0	0	0	25	2	0	0	0	0	0	0	0	0	
		On hand inventory	217	217	217	217	217	217	217	192	190	235	235	235	235	235	235	235	
		On order								45	45								
		Replenishment										45							
		Inventory position	217	217	217	217	217	217	217	237	235	235	235	235	235	235	235	235	

Table B.33

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
11	2064240	Demand	0	0	0	9	0	0	0	8	0	0	0	4	0	0	4		
		On hand inventory	235	235	235	235	226	226	226	226	218	218	218	218	214	214	214	214	
		On order																	
		Replenishment																	
		Inventory position	235	235	235	235	235	226	226	226	226	226	226	226	226	226	226	226	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	17	0	0	0	0	6	0	0	
		On hand inventory	226	226	376	376	376	376	376	376	376	376	359	359	359	499	499	493	493
		On order	150	150										140	140				
		Replenishment			150										140				
Inventory position	376	376	376	376	376	376	376	376	376	376	359	499	499	499	499	493	493		

Table B.34

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
12	2066240	Demand	130	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	177	47	47	47	47	47	47	47	47	47	47	47	47	89	89	89	
		On order												42	42				
		Replenishment														12			
		Inventory position	177	47	47	47	47	47	47	47	47	47	47	89	89	89	89	89	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	
		On hand inventory	89	89	89	89	89	89	89	89	89	89	89	89	89	89	34	84	84
		On order																	
		Inventory position	89	89	89	89	89	89	89	89	89	89	89	89	89	89	84	84	84

Table B.35

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
12	2066240	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	84	84	84	84	84	84	84	84	84	134	134	134	134	134	134	134
		On order								50	50							
		Replenishment										50						
		Inventory position	84	84	84	84	84	84	134	134	134	134	134	134	134	134	134	134
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	134	134	134	134	134	134	134	134	134	134	144	144	144	144	144	144
		On order								10	10							
		Inventory position	134	134	134	134	134	134	134	134	144	144	144	144	144	144	144	144

Table B.36

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
12	2066240	Demand	0	0	129	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	144	144	144	15	15	15	15	39	39	39	39	39	39	39	39	39
		On order							24	24								
		Replenishment									24							
		Inventory position	144	144	144	15	15	39	39	39	39	39	39	39	39	39	39	39
		May / Day	16	17	8	19	20	21	22	23	24	25	26	27	28	29	30	31
		Demand	0	0	0	24	0	0	0	0	0	60	0	0	0	0	0	0
		On hand inventory	39	39	39	39	15	15	15	415	415	415	355	355	555	555	555	555
		On order							400	400			200	200				
		Replenishment									400				200			
Inventory position	39	39	39	39	15	415	415	415	415	415	555	555	555	555	555	555		

Table B.37

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	G201000	Demand	0	0	0	0	1	10	0	0	10	0	0	0	28	0	9		
		On hand inventory	199	199	199	199	199	198	188	188	188	178	178	178	178	150	150		
		On order																	
		Replenishment																	
		Inventory position	199	199	199	199	199	198	188	188	188	178	178	178	173	150	150		
	March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
	Demand	0	0	0	0	0	50	0	68	0	8	0	0	0	0	0	0	0	
	On hand inventory	141	141	141	141	141	141	91	91	23	123	115	115	115	115	115	115	115	
	On order								100	100									
	Replenishment										100								
Inventory position	141	141	141	141	141	141	91	191	123	123	115	115	115	115	115	115	115		

Table B.38

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	G201000	Demand	0	0	0	0	0	0	0	0	12	0	0	21	0	0	0		
		On hand inventory	115	115	115	115	115	115	115	115	115	215	203	203	203	182	182	182	
		On order								100	100								
		Replenishment										100							
		Inventory position	115	115	115	115	115	115	115	215	215	215	203	203	203	182	182	182	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	4	0	9	0	0	0	0	0	0	0	0	2	0	0	0	
		On hand inventory	182	182	178	178	169	169	234	234	234	234	234	234	234	232	232	232	
		On order					65	65											
		Replenishment								65									
Inventory position	182	182	178	178	234	234	234	234	234	234	234	234	234	232	232	232			

Table B.39

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
1	G201000	Demand	0	0	6	0	0	0	0	0	0	12	8	0	0	0	0		
		On hand inventory	232	232	232	226	226	226	226	226	226	226	226	214	206	206	206	206	
		On order																	
		Replenishment																	
		Inventory position	232	232	232	226	226	226	226	226	226	226	226	214	206	206	206	206	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	206	206	206	206	206	206	206	206	206	206	206	206	206	206	206	206	206
		On order																	
		Replenishment																	
		Inventory position	206	206	206	206	206	206	206	206	206	206	206	206	206	206	206	206	206



Table B.40

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
2	G202000	Demand	0	0	0	40	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	120	120	120	120	80	80	80	80	80	80	80	80	80	80	80	80	80	
		On order																		
		Replenishment																		
		Inventory position	120	120	120	120	80	80	80	80	80	80	80	80	80	80	80	80	80	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
		Demand	0	0	0	0	0	0	30	30	0	30	0	0	0	0	0	0	0	1
		On hand inventory	80	80	80	80	80	80	80	80	75	45	145	115	115	115	115	115	115	115
		On order								00	100									
		Replenishment										100								
		Inventory position	80	80	80	80	80	80	80	80	175	145	145	115	115	115	115	115	115	115

Table B.41

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2	G202000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	
		On order																	
		Replenishment																	
		Inventory position	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	0	0	0	0	12	10	0	26	0	0	0	0	0	0	
		On hand inventory	114	114	114	114	114	114	114	102	92	92	66	66	66	66	66	66	
		On order																	
		Inventory position	114	114	114	114	114	114	114	102	92	92	66	66	66	66	66	66	

Table B.42

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2	G202000	Demand	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0		
		On hand inventory	66	66	66	66	66	66	66	66	66	66	66	64	64	64	64	64	
		On order																	
		Replenishment																	
		Inventory position	66	66	66	66	66	66	66	66	66	66	66	64	64	64	64	64	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	10	0	13	0	0	0	0
		On hand inventory	64	64	64	64	64	64	64	64	64	64	64	54	54	41	41	41	41
		On order																	
		Replenishment																	
		Inventory position	64	64	64	64	64	64	64	64	64	64	64	54	54	41	41	41	41

Table B.43

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
3	G211000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	25	0	0		
		On hand inventory	30	30	30	30	30	30	30	30	30	30	30	30	30	80	55	55	
		On order												50	50				
		Replenishment														50			
		Inventory position	30	30	30	30	30	30	30	30	30	30	30	80	80	80	55	55	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55
		On order																	
		Replenishment																	
		Inventory position	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55

Table B.44

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
3	G211000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
		On order																	
		Replenishment																	
		Inventory position	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	
		On order																	
		Replenishment																	
		Inventory position	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	55	

Table B.45

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
3	G211000	Demand	0	0	0	0	5	0	0	0	25	0	0	0	0	0	0	
		On hand inventory	55	55	55	55	55	50	50	50	50	25	25	25	25	25	25	
		On order																
		Replenishment																
		Inventory position	55	55	55	55	55	50	50	50	50	25	25	25	25	25	25	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
		On order																
		Inventory position	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25

Table B.46

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
4	G212000	Demand	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0		
		On hand inventory	50	50	50	50	50	50	50	50	50	50	50	50	50	44	44	44	
		On order																	
		Replenishment																	
		Inventory position	50	50	50	50	50	50	50	50	50	50	50	50	50	44	44	44	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
		On hand inventory	44	44	44	44	44	94	94	94	89	89	89	89	89	89	89	89	89
		On order				50	50												
		Replenishment						50											
		Inventory position	44	44	44	94	94	94	94	94	89	89	89	89	89	89	89	89	89

Table B.47

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
4	G212000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	
		On order																	
		Replenishment																	
		Inventory position	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	0	0	0	0	14	2	0	0	0	0	0	0	0	0	
		On hand inventory	89	89	89	89	89	89	89	89	75	73	73	73	73	73	73	73	
		On order																	
		Replenishment																	
		Inventory position	89	89	89	89	89	89	89	89	75	73	73	73	73	73	73	73	

Table B.48

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
4	G212000	Demand	0	0	0	0	0	0	0	0	0	0	0	30	0	0	0		
		On hand inventory	73	73	73	73	73	73	73	73	73	73	73	73	73	43	43	43	
		On order																	
		Replenishment																	
		Inventory position	73	73	73	73	73	73	73	73	73	73	73	73	73	43	43	43	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	6	0	0	11	0	0	
		On hand inventory	43	43	43	43	43	43	43	43	43	43	43	43	37	37	37	26	26
		On order																	
		Replenishment																	
		Inventory position	43	43	43	43	43	43	43	43	43	43	43	43	37	37	37	26	26

Table B.49

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
5	G231000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
		On order																	
		Replenishment																	
		Inventory position	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demar d	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
		On order																	
		Inventory position	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50

Table B.50

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
5	G231000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
		On order																	
		Replenishment																	
		Inventory position	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	50	44	44	44	44	54	94	94	94	94	94	94	94	94	94	94	
		On order					50	50											
		Replenishment								50									
		Inventory position	50	44	44	44	94	94	54	94	94	94	94	94	94	94	94	94	

Table B.51

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
5	G231000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	
		On order																	
		Replenishment																	
		Inventory position	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
		On order																	
		Replenishment																	
		Inventory position	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94

Table B.52

Item	Product Code	March / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
6	G232000	Demand	0	0	0	0	0	15	0	0	0	5	0	0	0	0	0		
		On hand inventory	30	30	30	30	30	30	15	15	15	15	10	10	10	10	10	10	
		On order																	
		Replenishment																	
		Inventory position	30	30	30	30	30	30	15	15	15	15	10	10	10	10	10	10	
		March / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
		On order																	
		Inventory position	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Table B.53

Item	Product Code	April / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
6	G232000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	10	10	10	10	10	10	10	10	10	65	65	65	65	65	65	65	
		On order								55	55								
		Replenishment										55							
		Inventory position	10	10	10	10	10	10	65	65	65	65	65	65	65	65	65	65	
		April / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
		Demand	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	
		On hand inventory	65	65	65	55	55	55	115	115	115	115	115	115	115	115	115	115	
		On order					60	60											
		Replenishment							60										
Inventory position	70	70	70	60	115	115	115	115	115	115	115	115	115	115	115	115			

Table B.54

Item	Product Code	May / Day	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
6	G232000	Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		On hand inventory	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	
		On order																	
		Replenishment																	
		Inventory position	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	
		May / Day	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
		Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		On hand inventory	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
		On order																	
		Replenishment																	
		Inventory position	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115



BIOGRAPHY

Tanan Kraikosol was born on 13 March 1973. He was graduated a bachelor of science in applied computer science from King Mongkut's Institute of Technology North Bangkok in 1995. After he was graduated, he worked at TelecomAsia Corporation Public Company Limited as a system analyst for 2 years. His responsibilities were to design and implement the telephone network inventory and fault management system; the Computerized Customer Service System that supports the deployment of a 2.6 million telephone lines network in Bangkok, Thailand. Then, he worked at family business that is the construction materials' distributor. In 1998, he started to study for Master of Engineering / Master of Science in Engineering Management jointly offered by Chulalongkorn University and University of Warwick at the Regional Centre for Manufacturing Systems Engineering.