

ID	Group No.	ENGINEERING PROCESS & DETAIL DESIGN	Resource Names	Duration	2010											
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep				
1		<b>MP3-2010</b>		<b>128,06 days</b>	[Gantt bar from Feb to Sep]											
2		<b>Document Approval</b>		<b>17,06 days</b>	[Gantt bar from Mar to Jun]											
5		Interface Meeting		1 day	01/03 - 01/03											
6		<b>Basic Design</b>		<b>3,06 days</b>	[Gantt bar from Mar to Mar]											
8		<b>Component Specification</b>		<b>30,06 days</b>	[Gantt bar from Mar to Apr]											
11		<b>Bill of Material / Component</b>		<b>5,06 days</b>	[Gantt bar from Mar to Mar]											
14		<b>Design Verification</b>		<b>2 days</b>	[Gantt bar from Mar to Mar]											
16		<b>DETAIL DESIGN</b>		<b>128,06 days</b>	[Gantt bar from Mar to Sep]											
17	00	Arrangement		14 days	01/03 - 18/03											
18		<b>CARBODY STRUCTURE</b>	<b>Djarsam;Teguh</b>	<b>71,06 days</b>	[Gantt bar from Mar to Jun]											
19	21	<b>Underframe</b>		<b>43,06 days</b>	[Gantt bar from Mar to Jun]											
20	21.0	Assembly		14 days	01/04 - 20/04											
21	21.2	Bolster crossbar		4 days	01/04 - 06/04											
22	21.3	Floor construction		2 days	01/03 - 02/03											
23	21.4	Floor construction		10 days	01/04 - 14/04											
24	21.5	Supporting frame for floor		7 days	01/04 - 09/04											
25	21.8	Welded bracket+bores+tapped hole		14 days	09/04 - 28/04											
26	22	<b>Side wall</b>		<b>28 days</b>	[Gantt bar from Apr to Jun]											
27	22.1	Framework & exterior sheathing		28 days	29/04 - 07/06											
28	22.8	Wlded brackets+bores&tapped holes in body		9 days	07/05 - 19/05											
29	23	<b>Body end</b>		<b>21 days</b>	[Gantt bar from Apr to May]											
30	23.0	Assembly body end		14 days	12/04 - 29/04											
31	23.1	Framework & exterior sheathing		21 days	09/04 - 07/05											
32	25	<b>Roof</b>		<b>48 days</b>	[Gantt bar from Apr to Jun]											
33	25.1	Framework & exterior sheathing		17 days	30/04 - 24/05											
34	25.8	Welded bracket+bores&tapped holes cabin		48 days	01/04 - 07/06											
35	27	<b>Framework for the partition wall</b>		<b>30 days</b>	[Gantt bar from Apr to May]											
36	27.0	Partition room		30 days	01/04 - 12/05											
37	28	<b>PAINTING AND INSULATION</b>	<b>Winarto</b>	<b>57 days</b>	[Gantt bar from Apr to Jun]											
38		<b>Painting and marking</b>		<b>57 days</b>	[Gantt bar from Apr to Jun]											
43	29	Insulation (thermal and acoustic)		5 days	08/06 - 14/06											
44		<b>EQUIPMENT</b>	<b>Djarsam;Teguh</b>	<b>83 days</b>	[Gantt bar from Apr to Jun]											
45	30	<b>Equipment Arroun Underfrme</b>		<b>6 days</b>	[Gantt bar from Apr to Apr]											
46	30.0	Assembly		5 days	29/04 - 05/05											
47	30.1	Buffing and draw gear		2 days	29/04 - 30/04											

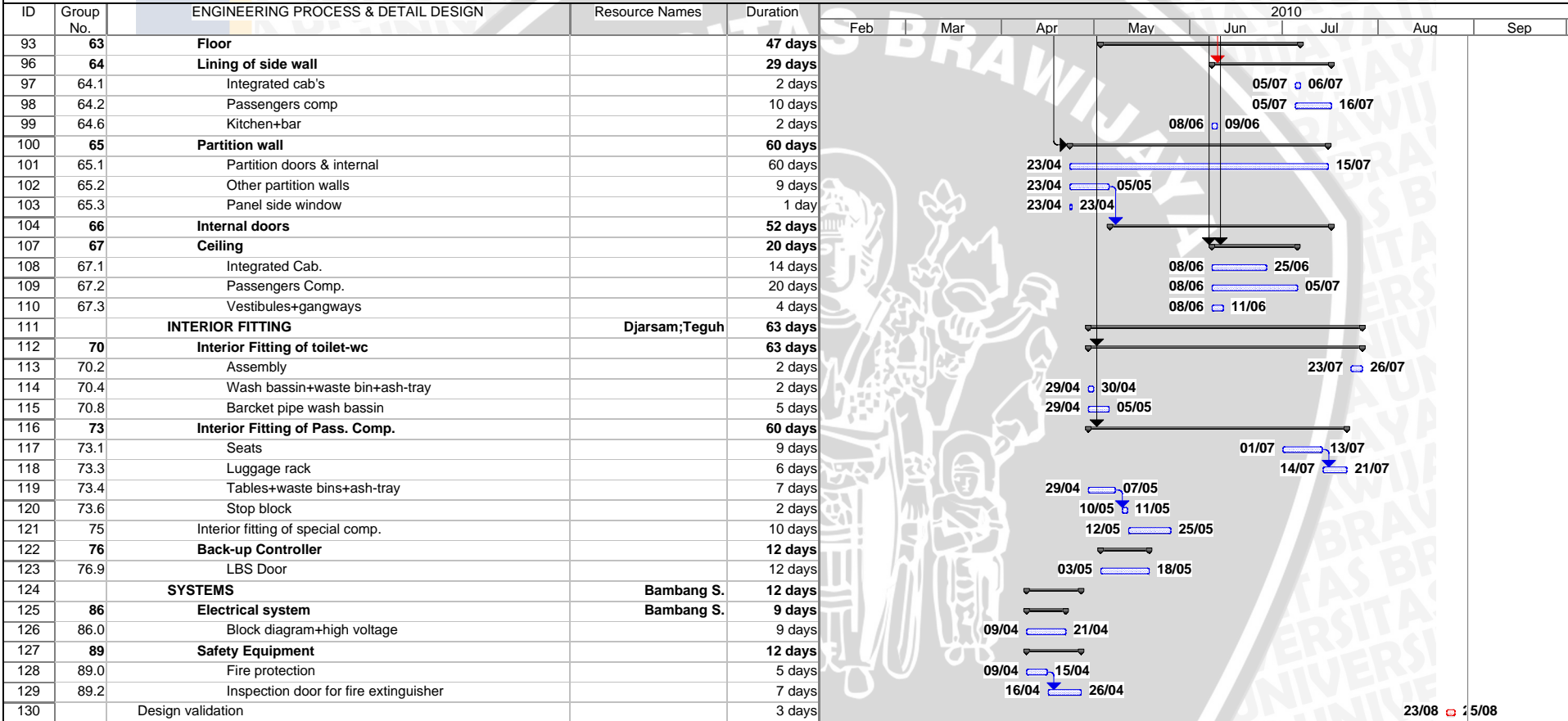
Date: Mon 30/08/10

Task		Milestone		Rolled Up Milestone		PTask	
Task Progress		Summary		Rolled Up Progress		Task Progress	
Critical Task		Rolled Up Task		Split		Critical Task	
Critical Task Progress		Rolled Up Critical Task		External Tasks			

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48	30.2	Buffers		1 day				03/05	03/05							
49	30.6	Fixed step elements		6 days			29/04	06/05								
50	31	<b>Equipment beneath the underframe</b>		<b>43 days</b>												
51	31.1	Mounting of electrical		19 days					02/06	28/06						
52	31.2	Brake rood guide		1 day			29/04	29/04								
53	31.9	mounting (other equipment)		9 days					15/06	25/06						
54	32	<b>Piping beneath underframe</b>		<b>21 days</b>												
55	32.0	Bracket of piping for underfrme		21 days			29/04	27/05								
56	32.1	Brake piping		14 days			29/04	18/05								
57	34	<b>Brake mechanisms beneath the underframe</b>		<b>54 days</b>												
58	34.0	Assembly		6 days					23/06	30/06						
59	34.1	Hand brake		37 days					24/05	13/07						
60	34.2	Brake rigging below underframe		22 days			29/04	28/05								
61	36	<b>Equipment Above to the Underframe</b>		<b>12 days</b>												
62	36.1	Mounting of electric boxes		3 days			29/04	03/05								
63	36.9	Fitting drain pipe of lavatory		12 days			29/04	14/05								
64	40	<b>Equipment on side wall</b>		<b>42 days</b>												
65	40.0	Side light		4 days					24/06	29/06						
66	40.2	Hinge		1 day					08/06	08/06						
67	40.7	Windows		42 days					08/06	04/08						
68	40.8	External door		27 days					08/06	14/07						
69	44	Hinge		2 days			12/04	13/04								
70	46	<b>Equipment on body end</b>		<b>41 days</b>												
71	46.3	Gangway system with below		21 days					10/05	07/06						
72	46.8	External door		39 days					10/05	01/07						
73	46.9	Mounting (other equipment)		41 days					10/05	05/07						
74	49	Equipment for cabling on body end		7 days					10/05	18/05						
75	49	<b>Equipment For Cabling on Body End</b>		<b>7 days</b>												
76	49.1	Fitting of carpet		7 days			03/05	11/05								
77		<b>INSTALATION ON/IN ROOF &amp; PART</b>	Djarsam;Teguh	<b>51 days</b>												
78	50	Instalation on roof		35 days												
82	51	Instalation in the roof & partition wall		41 days												
86	52	Piping on the roof+piping in the roof&partition wall		9 days												
88		<b>CABLING</b>	Bambang S.	<b>46 days</b>												
92		<b>INTERIOR LINING</b>	Winarto	<b>61 days</b>												

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