Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	5-5-1	5	5	1	AG190D14STI	AG190D14				DI	NIS								SN	
		0103	ADV151-P	5-5-2	5	5	2	AG190D14TRI					DI	NIS								SN	
		0103	ADV151-P	5-5-3	5	5	3	AG190D15STI	AG190D15				DI	NIS								SN	
		0103	ADV151-P	5-5-4	5	5	4	AG190D15TRI					DI	NIS								SN	
		0103	ADV151-P	5-5-5	5	5	5	AG190V11ASTI	AG190V11A				DI	NIS								SN	
		0103	ADV151-P	5-5-6	5	5	6	AG190V11ATRI					DI	NIS								SN	
		0103	ADV151-P	5-5-7	5	5	7	AG190V11BSTI	AG190V11B				DI	NIS								SN	
		0103	ADV151-P	5-5-8	5	5	8	AG190V11BTRI					DI	NIS								SN	
		0103	ADV151-P	5-5-9	5	5	9	AG190V11CSTI	AG190V11C				DI	NIS								SN	
		0103	ADV151-P	5-5-10	5	5	10	AG190V11CTRI					DI	NIS								SN	
		0103	ADV151-P	5-5-11	5	5	11	AG190V12ASTI	AG190V12A				DI	NIS								SN	
		0103	ADV151-P	5-5-12	5	5	12	AG190V12ATRI					DI	NIS								SN	
		0103	ADV151-P	5-5-13	5	5	13	AG190V12BSTI	AG190V12B				DI	NIS								SN	
		0103	ADV151-P	5-5-14	5	5	14	AG190V12BTRI					DI	NIS								SN	
		0103	ADV151-P	5-5-15	5	5	15	AG190V14ASTI	AG190V14A				DI	NIS								SN	
		0103	ADV151-P	5-5-16	5	5	16	AG190V14ATRI					DI	NIS								SN	
		0103	ADV151-P	5-5-17	5	5	17	AG190V14BSTI	AG190V14B				DI	NIS								SN	
		0103	ADV151-P	5-5-18	5	5	18	AG190V14BTRI					DI	NIS								SN	
		0103	ADV151-P	5-5-19	5	5	19	AG190V15ASTI	AG190V15A				DI	NIS								SN	
		0103	ADV151-P	5-5-20	5	5	20	AG190V15ATRI					DI	NIS								SN	
		0103	ADV151-P	5-5-21	5	5	21	AG190V15BSTI	AG190V15B				DI	NIS								SN	
		0103	ADV151-P	5-5-22	5	5	22	AG190V15BTRI					DI	NIS								SN	
		0103	ADV151-P	5-5-23	5	5	23	AG190V16STI	AG190V16				DI	NIS								SN	
		0103	ADV151-P	5-5-24	5	5	24	AG190V16TRI					DI	NIS								SN	
		0103	ADV151-P	5-5-25	5	5	25	AG190V17STI	AG190V17				DI	NIS								SN	
		0103	ADV151-P	5-5-26	5	5	26	AG190V17TRI					DI	NIS								SN	
		0103	ADV151-P	5-5-27	5	5	27	FN190CT11ASTI	FN190CT11A				DI	NIS								SN	
		0103	ADV151-P	5-5-28	5	5	28	FN190CT11ATRI					DI	NIS								SN	
		0103	ADV151-P	5-5-29	5	5	29	FN190CT11BSTI	FN190CT11B				DI	NIS								SN	ADD FF
		0103	ADV151-P	5-5-30	5	5	30	FN190CT11BTRI					DI	NIS								SN	
		0103	ADV151-P	5-5-31	5	5	31	FN190CT11CSTI	FN190CT11C				DI	NIS								SN	
		0103	ADV151-P	5-5-32	5	5	32	FN190CT11CTRI					DI	NIS								SN	ADD FF
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	5-6-1	5	6	1	M190D15ASTI	M190D15A				DI	NIS								SN	
		0103	ADV151-P	5-6-2	5	6	2	M190D15ATRI					DI	NIS								SN	
		0103	ADV151-P	5-6-3	5	6	3	M190D15BSTI	M190D15B				DI	NIS								SN	
		0103	ADV151-P	5-6-4	5	6	4	M190D15BTRI					DI	NIS								SN	
		0103	ADV151-P	5-6-5	5	6	5	M190D15CSTI	M190D15C				DI	NIS								SN	ADD FF
		0103	ADV151-P	5-6-6	5	6	6	M190D15CTRI					DI	NIS								SN	
		0103	ADV151-P	5-6-7	5	6	7	M190D15DSTI	M190D15D				DI	NIS								SN	
		0103	ADV151-P	5-6-8	5	6	8	M190D15DTRI					DI	NIS								SN	ADD FF
		0103	ADV151-P	5-6-9	5	6	9	M190D15ESTI	M190D15E				DI	NIS								SN	
		0103	ADV151-P	5-6-10	5	6	10	M190D15ETRI					DI	NIS								SN	
		0103	ADV151-P	5-6-11	5	6	11	M190D15FSTI	M190D15F				DI	NIS								SN	
		0103	ADV151-P	5-6-12	5	6	12	M190D15FTRI					DI	NIS								SN	
		0103	ADV151-P	5-6-13	5	6	13	M190D15GSTI	M190D15G				DI	NIS								SN	
		0103	ADV151-P	5-6-14	5	6	14	M190D15GTRI					DI	NIS								SN	
		0103	ADV151-P	5-6-15	5	6	15	M190D15HSTI	M190D15H				DI	NIS								SN	
		0103	ADV151-P	5-6-16	5	6	16	M190D15HTRI					DI	NIS								SN	
		0103	ADV151-P	5-6-17	5	6	17	M190D16STI	M190D16				DI	NIS								SN	
		0103	ADV151-P	5-6-18	5	6	18	M190D16TRI					DI	NIS								SN	
		0103	ADV151-P	5-6-19	5	6	19	M190D17STI	M190D17				DI	NIS								SN	
		0103	ADV151-P	5-6-20	5	6	20	M190D17TRI					DI	NIS								SN	
		0103	ADV151-P	5-6-21	5	6	21	M190MX13ASTI	M190MX13A				DI	NIS								SN	
		0103	ADV151-P	5-6-22	5	6	22	M190MX13ATRI					DI	NIS								SN	
		0103	ADV151-P	5-6-23	5	6	23	M190MX13CSTI	M190MX13C				DI	NIS								SN	
		0103	ADV151-P	5-6-24	5	6	24	M190MX13CTRI					DI	NIS								SN	
		0103	ADV151-P	5-6-25	5	6	25	M190V19ASTI	M190V19A				DI	NIS								SN	
		0103	ADV151-P	5-6-26	5	6	26	M190V19ATRI					DI	NIS								SN	
		0103	ADV151-P	5-6-27	5	6	27	M190V19BSTI	M190V19B				DI	NIS								SN	
		0103	ADV151-P	5-6-28	5	6	28	M190V19BTRI					DI	NIS								SN	
		0103	ADV151-P	5-6-29	5	6	29	M190V19STI	M190V19				DI	NIS								SN	
		0103	ADV151-P	5-6-30	5	6	30	M190V19TRI					DI	NIS								SN	
		0103	ADV151-P	5-6-31	5	6	31	M190D15STI	M190V15				DI	NIS								SN	
		0103	ADV151-P	5-6-32	5	6	32	M190D15TRI					DI	NIS								SN	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	5-7-1	5	7	1	PU190CH11ASTI	PU190CH11A				DI	NIS								SN	
		0103	ADV151-P	5-7-2	5	7	2	PU190CH11ATRI					DI	NIS								SN	
		0103	ADV151-P	5-7-3	5	7	3	PU190CH11BSTI	PU190CH11B				DI	NIS								SN	
		0103	ADV151-P	5-7-4	5	7	4	PU190CH11BTRI					DI	NIS								SN	
		0103	ADV151-P	5-7-5	5	7	5	PU190CT11ASTI	PU190CT11A				DI	NIS								SN	
		0103	ADV151-P	5-7-6	5	7	6	PU190CT11ATRI					DI	NIS								SN	
		0103	ADV151-P	5-7-7	5	7	7	PU190CT11BSTI	PU190CT11B				DI	NIS								SN	
		0103	ADV151-P	5-7-8	5	7	8	PU190CT11BTRI					DI	NIS								SN	
		0103	ADV151-P	5-7-9	5	7	9	PU190CT11CSTI	PU190CT11C				DI	NIS								SN	
		0103	ADV151-P	5-7-10	5	7	10	PU190CT11CTRI					DI	NIS								SN	
		0103	ADV151-P	5-7-11	5	7	11	PU190D13BSTI	PU190D13B				DI	NIS								SN	
		0103	ADV151-P	5-7-12	5	7	12	PU190D13BTRI					DI	NIS								SN	
		0103	ADV151-P	5-7-13	5	7	13	PU190D13BFF					DI	NIS								SN	02 SEP 09 ADDED
		0103	ADV151-P	5-7-14	5	7	14	PU190D14STI	PU190D14				DI	NIS								SN	
		0103	ADV151-P	5-7-15	5	7	15	PU190D14TRI					DI	NIS								SN	
		0103	ADV151-P	5-7-16	5	7	16	PU190D18ASTI	PU190D18A				DI	NIS								SN	
		0103	ADV151-P	5-7-17	5	7	17	PU190D18ATRI					DI	NIS								SN	
		0103	ADV151-P	5-7-18	5	7	18	PU190D18BSTI	PU190D18B				DI	NIS								SN	
		0103	ADV151-P	5-7-19	5	7	19	PU190D18BTRI					DI	NIS								SN	
		0103	ADV151-P	5-7-20	5	7	20	M190D15AFF	FN190CT11A				DI	NIS								SN	
		0103	ADV151-P	5-7-21	5	7	21	M190D15BFF					DI	NIS								SN	
		0103	ADV151-P	5-7-22	5	7	22	M190D15DFF					DI	NIS								SN	ADD FN190CT11AFF
		0103	ADV151-P	5-7-23	5	7	23	M190D15EFF	FN190CT11B				DI	NIS								SN	
		0103	ADV151-P	5-7-24	5	7	24	M190D16FF					DI	NIS								SN	
		0103	ADV151-P	5-7-25	5	7	25	M190D17FF					DI	NIS								SN	ADD FN190CT11BFF
		0103	ADV151-P	5-7-26	5	7	26	SPARE					DI	NIS								SN	
		0103	ADV151-P	5-7-27	5	7	27	SPARE					DI	NIS								SN	
		0103	ADV151-P	5-7-28	5	7	28	SPARE					DI	NIS								SN	ADD FN190CT11CFF
		0103	ADV151-P	5-7-29	5	7	29	F190D15ASTI	F190D15A				DI	NIS								SN	
		0103	ADV151-P	5-7-30	5	7	30	F190D15ATRI					DI	NIS								SN	
		0103	ADV151-P	5-7-31	5	7	31	F190D15BSTI	F190D15B				DI	NIS								SN	
		0103	ADV151-P	5-7-32	5	7	32	F190D15BTRI					DI	NIS								SN	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	5-8-1	5	8	1	PU190V11ASTI	PU190V11A				DI	NIS								SN	
		0103	ADV151-P	5-8-2	5	8	2	PU190V11ATRI					DI	NIS								SN	
		0103	ADV151-P	5-8-3	5	8	3	PU190V11AFF					DI	NIS								SN	
		0103	ADV151-P	5-8-4	5	8	4	PU190V11BSTI	PU190V11B				DI	NIS								SN	
		0103	ADV151-P	5-8-5	5	8	5	PU190V11BTRI					DI	NIS								SN	
		0103	ADV151-P	5-8-6	5	8	6	PU190V11BFF					DI	NIS								SN	
		0103	ADV151-P	5-8-7	5	8	7	PU190V11CSTI	PU190V11C				DI	NIS								SN	
		0103	ADV151-P	5-8-8	5	8	8	PU190V11CTRI					DI	NIS								SN	
		0103	ADV151-P	5-8-9	5	8	9	PU190V12ASTI	PU190V12A				DI	NIS								SN	
		0103	ADV151-P	5-8-10	5	8	10	PU190V12ATRI					DI	NIS								SN	
		0103	ADV151-P	5-8-11	5	8	11	PU190V12AFF					DI	NIS								SN	
		0103	ADV151-P	5-8-12	5	8	12	PU190V12BSTI	PU190V12B				DI	NIS								SN	
		0103	ADV151-P	5-8-13	5	8	13	PU190V12BTRI					DI	NIS								SN	
		0103	ADV151-P	5-8-14	5	8	14	PU190V12BFF					DI	NIS								SN	
		0103	ADV151-P	5-8-15	5	8	15	PU190V12CSTI	PU190V12C				DI	NIS								SN	
		0103	ADV151-P	5-8-16	5	8	16	PU190V12CTRI					DI	NIS								SN	
		0103	ADV151-P	5-8-17	5	8	17	PU190V13ASTI	PU190V13A				DI	NIS								SN	
		0103	ADV151-P	5-8-18	5	8	18	PU190V13ATRI					DI	NIS								SN	
		0103	ADV151-P	5-8-19	5	8	19	PU190V13AFF					DI	NIS								SN	
		0103	ADV151-P	5-8-20	5	8	20	PU190V13BSTI	PU190V13B				DI	NIS								SN	
		0103	ADV151-P	5-8-21	5	8	21	PU190V13BTRI					DI	NIS								SN	
		0103	ADV151-P	5-8-22	5	8	22	PU190V13BFF					DI	NIS								SN	
		0103	ADV151-P	5-8-23	5	8	23	PU190V13CSTI	PU190V13C				DI	NIS								SN	
		0103	ADV151-P	5-8-24	5	8	24	PU190V13CTRI					DI	NIS								SN	
		0103	ADV151-P	5-8-25	5	8	25	PU190V14ASTI	PU190V14A				DI	NIS								SN	
		0103	ADV151-P	5-8-26	5	8	26	PU190V14ATRI					DI	NIS								SN	
		0103	ADV151-P	5-8-27	5	8	27	PU190V14AFF					DI	NIS								SN	
		0103	ADV151-P	5-8-28	5	8	28	PU190V14BSTI	PU190V14B				DI	NIS								SN	
		0103	ADV151-P	5-8-29	5	8	29	PU190V14BTRI					DI	NIS								SN	
		0103	ADV151-P	5-8-30	5	8	30	PU190V14BFF					DI	NIS								SN	
		0103	ADV151-P	5-8-31	5	8	31	GO190D15CSTI	GO190D15C				DI	NIS								SN	
		0103	ADV151-P	5-8-32	5	8	32	GO190D15CTRI					DI	NIS								SN	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	6-5-1	6	5	1	PU190V15ASTI	PU190V15A				DI	NIS								SN	
		0103	ADV151-P	6-5-2	6	5	2	PU190V15ATRI					DI	NIS								SN	
		0103	ADV151-P	6-5-3	6	5	3	PU190V15AFF					DI	NIS								SN	
		0103	ADV151-P	6-5-4	6	5	4	PU190V15BSTI	PU190V15B				DI	NIS								SN	
		0103	ADV151-P	6-5-5	6	5	5	PU190V15BTRI					DI	NIS								SN	
		0103	ADV151-P	6-5-6	6	5	6	PU190V15BFF					DI	NIS								SN	
		0103	ADV151-P	6-5-7	6	5	7	PU190V16STI	PU190V16				DI	NIS								SN	
		0103	ADV151-P	6-5-8	6	5	8	PU190V16TRI					DI	NIS								SN	
		0103	ADV151-P	6-5-9	6	5	9	PU190V16FF					DI	NIS								SN	
		0103	ADV151-P	6-5-10	6	5	10	PU190V17STI	PU190V17				DI	NIS								SN	
		0103	ADV151-P	6-5-11	6	5	11	PU190V17TRI					DI	NIS								SN	
		0103	ADV151-P	6-5-12	6	5	12	PU190V17FF					DI	NIS								SN	
		0103	ADV151-P	6-5-13	6	5	13	PU190V18STI	PU190V18				DI	NIS								SN	
		0103	ADV151-P	6-5-14	6	5	14	PU190V18TRI					DI	NIS								SN	
		0103	ADV151-P	6-5-15	6	5	15	M190D15ISTFI	M190D15I				DI	NIS								SN	
		0103	ADV151-P	6-5-16	6	5	16	M190D15ISTBI					DI	NIS								SN	
		0103	ADV151-P	6-5-17	6	5	17	M190D15ITRI					DI	NIS								SN	
		0103	ADV151-P	6-5-18	6	5	18	SPARE					DI	NIS								SN	
		0103	ADV151-P	6-5-19	6	5	19	SV190V11OI	SV190V11				DI	NIS								SN	
		0103	ADV151-P	6-5-20	6	5	20	SV190V11CI					DI	NIS								SN	
		0103	ADV151-P	6-5-21	6	5	21	SV190V12OI	SV190V12				DI	NIS								SN	
		0103	ADV151-P	6-5-22	6	5	22	SV190V12CI					DI	NIS								SN	
		0103	ADV151-P	6-5-23	6	5	23	SV190V13OI	SV190V13				DI	NIS								SN	
		0103	ADV151-P	6-5-24	6	5	24	SV190V13CI					DI	NIS								SN	
		0103	ADV151-P	6-5-25	6	5	25	SV190V14OI	SV190V14				DI	NIS								SN	
		0103	ADV151-P	6-5-26	6	5	26	SV190V14CI					DI	NIS								SN	
		0103	ADV151-P	6-5-27	6	5	27	SV190V15OI	SV190V15				DI	NIS								SN	
		0103	ADV151-P	6-5-28	6	5	28	SV190V15CI					DI	NIS								SN	
		0103	ADV151-P	6-5-29	6	5	29	SV190V16OI	SV190V16				DI	NIS								SN	
		0103	ADV151-P	6-5-30	6	5	30	SV190V16CI					DI	NIS								SN	
		0103	ADV151-P	6-5-31	6	5	31	SV190V17OI	SV190V17				DI	NIS								SN	
		0103	ADV151-P	6-5-32	6	5	32	SV190V17CI					DI	NIS								SN	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	6-6-1	6	6	1	FS190CH11AS	FS190CH11A				DI	NIS								SN	
		0103	ADV151-P	6-6-2	6	6	2	FS190CH11BS	FS190CH11B				DI	NIS								SN	
		0103	ADV151-P	6-6-3	6	6	3	LSH190D15AS	LSH190D15A				DI	NIS								SN	
		0103	ADV151-P	6-6-4	6	6	4	LSH190D15BS	LSH190D15B				DI	NIS								SN	
		0103	ADV151-P	6-6-5	6	6	5	LSH190V19AS	LSH190V19A				DI	NIS								SN	
		0103	ADV151-P	6-6-6	6	6	6	LSH190V19BS	LSH190V19B				DI	NIS								SN	
		0103	ADV151-P	6-6-7	6	6	7	LSL190CT11S	LSL190CT11				DI	NIS								SN	
		0103	ADV151-P	6-6-8	6	6	8	LSL190V19AS	LSL190V19A				DI	NIS								SN	
		0103	ADV151-P	6-6-9	6	6	9	LSL190V19BS	LSL190V19B				DI	NIS								SN	
		0103	ADV151-P	6-6-10	6	6	10	FSL190MX13AS	FSL190MX13A				DI	NIS								SN	
		0103	ADV151-P	6-6-11	6	6	11	FSL190MX13CS	FSL190MX13C				DI	NIS								SN	
		0103	ADV151-P	6-6-12	6	6	12	FSL190D13BS	FSL190D13B				DI	NIS								SN	
		0103	ADV151-P	6-6-13	6	6	13	190-25KG	190-25KG				DI	NIS								SN	
		0103	ADV151-P	6-6-14	6	6	14	190-JUMBO	190-JUMBO				DI	NIS								SN	
		0103	ADV151-P	6-6-15	6	6	15	192-FA	192-FA				DI	NIS								SN	
		0103	ADV151-P	6-6-16	6	6	16	192-GLY	192-GLY				DI	NIS								SN	
		0103	ADV151-P	6-6-17	6	6	17	GF190D16STI	GF190D16				DI	NIS								SN	
		0103	ADV151-P	6-6-18	6	6	18	GF190D16TRI					DI	NIS								SN	
		0103	ADV151-P	6-6-19	6	6	19	GF190D17STI	GF190D17				DI	NIS								SN	
		0103	ADV151-P	6-6-20	6	6	20	GF190D17TRI					DI	NIS								SN	
		0103	ADV151-P	6-6-21	6	6	21	SV190MX13AOI	SV190MX13A				DI	NIS								SN	
		0103	ADV151-P	6-6-22	6	6	22	SV190MX13ACI					DI	NIS								SN	
		0103	ADV151-P	6-6-23	6	6	23	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-24	6	6	24	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-25	6	6	25	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-26	6	6	26	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-27	6	6	27	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-28	6	6	28	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-29	6	6	29	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-30	6	6	30	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-31	6	6	31	SPARE	SPARE				DI	NIS								SN	
		0103	ADV151-P	6-6-32	6	6	32	SPARE	SPARE				DI	NIS								SN	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	6-7-1	6	7	1	AG19104STI	AG-MT-4				DI	NIS								BEAD	
		0103	ADV151-P	6-7-2	6	7	2	AG19104TRI					DI	NIS								BEAD	
		0103	ADV151-P	6-7-3	6	7	3	AG903201STI	AG903201				DI	NIS								BEAD	
		0103	ADV151-P	6-7-4	6	7	4	AG903201TRI					DI	NIS								BEAD	
		0103	ADV151-P	6-7-5	6	7	5	AG903202STI	AG903202				DI	NIS								BEAD	
		0103	ADV151-P	6-7-6	6	7	6	AG903202TRI					DI	NIS								BEAD	
		0103	ADV151-P	6-7-7	6	7	7	AG903301STI	AG903301				DI	NIS								BEAD	
		0103	ADV151-P	6-7-8	6	7	8	AG903301TRI					DI	NIS								BEAD	
		0103	ADV151-P	6-7-9	6	7	9	F1STI	F1				DI	NIS								BEAD	
		0103	ADV151-P	6-7-10	6	7	10	F1TRI					DI	NIS								BEAD	
		0103	ADV151-P	6-7-11	6	7	11	F1FF					DI	NIS								BEAD	
		0103	ADV151-P	6-7-12	6	7	12	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-13	6	7	13	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-14	6	7	14	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-15	6	7	15	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-16	6	7	16	F2STI	F2				DI	NIS								BEAD	
		0103	ADV151-P	6-7-17	6	7	17	F2TRI					DI	NIS								BEAD	
		0103	ADV151-P	6-7-18	6	7	18	F2FF					DI	NIS								BEAD	
		0103	ADV151-P	6-7-19	6	7	19	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-20	6	7	20	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-21	6	7	21	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-22	6	7	22	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-23	6	7	23	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-24	6	7	24	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-25	6	7	25	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-26	6	7	26	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-27	6	7	27	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-28	6	7	28	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-29	6	7	29	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-30	6	7	30	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-31	6	7	31	SPARE	SPARE				DI	NIS								BEAD	
		0103	ADV151-P	6-7-32	6	7	32	SPARE	SPARE				DI	NIS								BEAD	
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	6-8-1	6	8	1	VJC06OI	VJC06				DI	NIS								BEAD	
		0103	ADV151-P	6-8-2	6	8	2	VJC06CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-3	6	8	3	VJ-1OI	VJ-1				DI	NIS								BEAD	
		0103	ADV151-P	6-8-4	6	8	4	VJ-1CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-5	6	8	5	VJ-2OI	VJ-2				DI	NIS								BEAD	
		0103	ADV151-P	6-8-6	6	8	6	VJ-2CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-7	6	8	7	VJL4OI	VJL4				DI	NIS								BEAD	
		0103	ADV151-P	6-8-8	6	8	8	VJL4CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-9	6	8	9	VJL2OI	VJL2				DI	NIS								BEAD	
		0103	ADV151-P	6-8-10	6	8	10	VJL2CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-11	6	8	11	VJL3OI	VJL3				DI	NIS								BEAD	
		0103	ADV151-P	6-8-12	6	8	12	VJL3CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-13	6	8	13	VJL1OI	VJL1				DI	NIS								BEAD	
		0103	ADV151-P	6-8-14	6	8	14	VJL1CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-15	6	8	15	VJ-7OI	VJ-7				DI	NIS								BEAD	
		0103	ADV151-P	6-8-16	6	8	16	VJ-7CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-17	6	8	17	VJ-8OI	VJ-8				DI	NIS								BEAD	
		0103	ADV151-P	6-8-18	6	8	18	VJ-8CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-19	6	8	19	VJ-9OI	VJ-9				DI	NIS								BEAD	
		0103	ADV151-P	6-8-20	6	8	20	VJ-9CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-21	6	8	21	VJ-10OI	VJ-10				DI	NIS								BEAD	
		0103	ADV151-P	6-8-22	6	8	22	VJ-10CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-23	6	8	23	VJ-4OI	VJ-4				DI	NIS								BEAD	
		0103	ADV151-P	6-8-24	6	8	24	VJ-4CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-25	6	8	25	VJ-6OI	VJ-6				DI	NIS								BEAD	
		0103	ADV151-P	6-8-26	6	8	26	VJ-6CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-27	6	8	27	VJ-3OI	VJ-3				DI	NIS								BEAD	
		0103	ADV151-P	6-8-28	6	8	28	VJ-3CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-29	6	8	29	VJ-5OI	VJ-5				DI	NIS								BEAD	
		0103	ADV151-P	6-8-30	6	8	30	VJ-5CI					DI	NIS								BEAD	
		0103	ADV151-P	6-8-31	6	8	31	VM-1STI	VM-1				DI	NIS								BEAD	
		0103	ADV151-P	6-8-32	6	8	32	VM-1TRI					DI	NIS								BEAD	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	7-5-1	7	5	1	SPARE					DI	NIS								BEAD	deleted
		0103	ADV151-P	7-5-2	7	5	2	SPARE					DI	NIS								BEAD	deleted
		0103	ADV151-P	7-5-3	7	5	3	P-1-1STI	P-1-1				DI	NIS								BEAD	
		0103	ADV151-P	7-5-4	7	5	4	P-1-1TRI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-5	7	5	5	P-1-1FF					DI	NIS								BEAD	02 SEP 09 ADDED
		0103	ADV151-P	7-5-6	7	5	6	P-1-2STI	P-1-2				DI	NIS								BEAD	
		0103	ADV151-P	7-5-7	7	5	7	P-1-2TRI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-8	7	5	8	P-1-2FF					DI	NIS								BEAD	02 SEP 09 ADDED
		0103	ADV151-P	7-5-9	7	5	9	P-2-1STI	P-2-1				DI	NIS								BEAD	
		0103	ADV151-P	7-5-10	7	5	10	P-2-1TRI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-11	7	5	11	P-2-2STI	P-2-2				DI	NIS								BEAD	
		0103	ADV151-P	7-5-12	7	5	12	P-2-2TRI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-13	7	5	13	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-14	7	5	14	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-15	7	5	15	PU903201STI	PU903201				DI	NIS								BEAD	
		0103	ADV151-P	7-5-16	7	5	16	PU903201TRI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-17	7	5	17	PU903301STI	PU903301				DI	NIS								BEAD	
		0103	ADV151-P	7-5-18	7	5	18	PU903301TRI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-19	7	5	19	PU903302STI	PU903302				DI	NIS								BEAD	
		0103	ADV151-P	7-5-20	7	5	20	PU903302TRI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-21	7	5	21	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-22	7	5	22	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-23	7	5	23	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-24	7	5	24	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-25	7	5	25	VJ-11OI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-26	7	5	26	VJ-12OI					DI	NIS								BEAD	
		0103	ADV151-P	7-5-27	7	5	27	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-28	7	5	28	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-29	7	5	29	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-30	7	5	30	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-31	7	5	31	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-5-32	7	5	32	SPARE					DI	NIS								BEAD	
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	7-6-1	7	6	1	SV19101DS01OI	SV19101DS01				DI	NIS								BEAD	
		0103	ADV151-P	7-6-2	7	6	2	SV19101DS01CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-3	7	6	3	SV19101HA00OI	SV19101HA00				DI	NIS								BEAD	
		0103	ADV151-P	7-6-4	7	6	4	SV19101HA00CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-5	7	6	5	SV19101JS01OI	SV19101JS01				DI	NIS								BEAD	
		0103	ADV151-P	7-6-6	7	6	6	SV19101JS01CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-7	7	6	7	SV19101N00OI	SV19101N00				DI	NIS								BEAD	
		0103	ADV151-P	7-6-8	7	6	8	SV19101N00CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-9	7	6	9	SC01OI	SC01				DI	NIS								BEAD	
		0103	ADV151-P	7-6-10	7	6	10	SC01CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-11	7	6	11	SC02OI	SC02				DI	NIS								BEAD	
		0103	ADV151-P	7-6-12	7	6	12	SC02CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-13	7	6	13	SPARE					DI	NIS								BEAD	deleted
		0103	ADV151-P	7-6-14	7	6	14	SPARE					DI	NIS								BEAD	deleted
		0103	ADV151-P	7-6-15	7	6	15	VJC07OI	VJC07				DI	NIS								BEAD	
		0103	ADV151-P	7-6-16	7	6	16	VJC07CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-17	7	6	17	VJC01OI	VJC01				DI	NIS								BEAD	
		0103	ADV151-P	7-6-18	7	6	18	VJC01CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-19	7	6	19	VJC02OI	VJC02				DI	NIS								BEAD	
		0103	ADV151-P	7-6-20	7	6	20	VJC02CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-21	7	6	21	VJC03OI	VJC03				DI	NIS								BEAD	
		0103	ADV151-P	7-6-22	7	6	22	VJC03CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-23	7	6	23	VJC04OI	VJC04				DI	NIS								BEAD	
		0103	ADV151-P	7-6-24	7	6	24	VJC04CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-25	7	6	25	VJC05OI	VJC05				DI	NIS								BEAD	
		0103	ADV151-P	7-6-26	7	6	26	VJC05CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-27	7	6	27	SV191HA01OI	SV191HA01				DI	NIS								BEAD	
		0103	ADV151-P	7-6-28	7	6	28	SV191HA01CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-29	7	6	29	SV191HA02OI	SV191HA02				DI	NIS								BEAD	
		0103	ADV151-P	7-6-30	7	6	30	SV191HA02CI					DI	NIS								BEAD	
		0103	ADV151-P	7-6-31	7	6	31	SV191HA03OI	SV191HA03				DI	NIS								BEAD	
		0103	ADV151-P	7-6-32	7	6	32	SV191HA03CI					DI	NIS								BEAD	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	7-7-1	7	7	1	SVA01OI	SVA01				DI	NIS								BEAD	
		0103	ADV151-P	7-7-2	7	7	2	SVA01CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-3	7	7	3	SVA02OI	SVA02				DI	NIS								BEAD	
		0103	ADV151-P	7-7-4	7	7	4	SVA02CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-5	7	7	5	SVA03OI	SVA03				DI	NIS								BEAD	
		0103	ADV151-P	7-7-6	7	7	6	SVA03CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-7	7	7	7	SVA04OI	SVA04				DI	NIS								BEAD	
		0103	ADV151-P	7-7-8	7	7	8	SVA04CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-9	7	7	9	SVA05OI	SVA05				DI	NIS								BEAD	
		0103	ADV151-P	7-7-10	7	7	10	SVA05CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-11	7	7	11	SVA06OI	SVA06				DI	NIS								BEAD	
		0103	ADV151-P	7-7-12	7	7	12	SVA06CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-13	7	7	13	SVA07OI	SVA07				DI	NIS								BEAD	
		0103	ADV151-P	7-7-14	7	7	14	SVA07CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-15	7	7	15	SVA08OI	SVA08				DI	NIS								BEAD	
		0103	ADV151-P	7-7-16	7	7	16	SVA08CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-17	7	7	17	SVA09OI	SVA09				DI	NIS								BEAD	
		0103	ADV151-P	7-7-18	7	7	18	SVA09CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-19	7	7	19	SVA10OI	SVA10				DI	NIS								BEAD	
		0103	ADV151-P	7-7-20	7	7	20	SVA10CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-21	7	7	21	SVA11OI	SVA11				DI	NIS								BEAD	
		0103	ADV151-P	7-7-22	7	7	22	SVA11CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-23	7	7	23	SVA12OI	SVA12				DI	NIS								BEAD	
		0103	ADV151-P	7-7-24	7	7	24	SVA12CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-25	7	7	25	SVS19101OI	SVS19101				DI	NIS								BEAD	
		0103	ADV151-P	7-7-26	7	7	26	SVS19101CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-27	7	7	27	SVS19102OI	SVS19102				DI	NIS								BEAD	
		0103	ADV151-P	7-7-28	7	7	28	SVS19102CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-29	7	7	29	SVS19103OI	SVS19103				DI	NIS								BEAD	
		0103	ADV151-P	7-7-30	7	7	30	SVS19103CI					DI	NIS								BEAD	
		0103	ADV151-P	7-7-31	7	7	31	SV19101CI	SV19101				DI	NIS								BEAD	
		0103	ADV151-P	7-7-32	7	7	32	SPARE					DI	NIS								BEAD	
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	7-8-1	7	8	1	SV191N01OI	SV191N01				DI	NIS								BEAD	
		0103	ADV151-P	7-8-2	7	8	2	SV191N01CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-3	7	8	3	SV191N02OI	SV191N02				DI	NIS								BEAD	
		0103	ADV151-P	7-8-4	7	8	4	SV191N02CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-5	7	8	5	SV191N03OI	SV191N03				DI	NIS								BEAD	
		0103	ADV151-P	7-8-6	7	8	6	SV191N03CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-7	7	8	7	SVW01OI	SVW01				DI	NIS								BEAD	
		0103	ADV151-P	7-8-8	7	8	8	SVW01CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-9	7	8	9	SVW02OI	SVW02				DI	NIS								BEAD	
		0103	ADV151-P	7-8-10	7	8	10	SVW02CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-11	7	8	11	SVW03OI	SVW03				DI	NIS								BEAD	
		0103	ADV151-P	7-8-12	7	8	12	SVW03CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-13	7	8	13	SVW04OI	SVW04				DI	NIS								BEAD	
		0103	ADV151-P	7-8-14	7	8	14	SVW04CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-15	7	8	15	SVW05OI	SVW05				DI	NIS								BEAD	
		0103	ADV151-P	7-8-16	7	8	16	SVW05CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-17	7	8	17	SVW06OI	SVW06				DI	NIS								BEAD	
		0103	ADV151-P	7-8-18	7	8	18	SVW06CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-19	7	8	19	SVW07OI	SVW07				DI	NIS								BEAD	
		0103	ADV151-P	7-8-20	7	8	20	SVW07CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-21	7	8	21	SVW08OI	SVW08				DI	NIS								BEAD	
		0103	ADV151-P	7-8-22	7	8	22	SVW08CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-23	7	8	23	SVW09OI	SVW09				DI	NIS								BEAD	
		0103	ADV151-P	7-8-24	7	8	24	SVW09CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-25	7	8	25	SVW10OI	SVW10				DI	NIS								BEAD	
		0103	ADV151-P	7-8-26	7	8	26	SVW10CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-27	7	8	27	SVW11OI	SVW11				DI	NIS								BEAD	
		0103	ADV151-P	7-8-28	7	8	28	SVW11CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-29	7	8	29	SVW12OI	SVW12				DI	NIS								BEAD	
		0103	ADV151-P	7-8-30	7	8	30	SVW12CI					DI	NIS								BEAD	
		0103	ADV151-P	7-8-31	7	8	31	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	7-8-32	7	8	32	SPARE					DI	NIS								BEAD	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	8-1-1	8	1	1	LAH19101S	LAH19101				DI	NIS								BEAD	
		0103	ADV151-P	8-1-2	8	1	2	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	8-1-3	8	1	3	SPARE					DI	NIS								BEAD	
		0103	ADV151-P	8-1-4	8	1	4	LCA-02S	LCA-02				DI	NIS								BEAD	
		0103	ADV151-P	8-1-5	8	1	5	FASREM	SFASREM				DI	NIS								BEAD	deleted
		0103	ADV151-P	8-1-6	8	1	6	OFF1	SOFF1				DI	NIS								BEAD	
		0103	ADV151-P	8-1-7	8	1	7	STE1	SSTE1				DI	NIS								BEAD	
		0103	ADV151-P	8-1-8	8	1	8	FAT1	SFAT1	FATTY ACID 1			DI	NIS								BEAD	
		0103	ADV151-P	8-1-9	8	1	9	AIR1	SAIR1	HOT AIR 1			DI	NIS								BEAD	
		0103	ADV151-P	8-1-10	8	1	10	OFF2	OFF2				DI	NIS								BEAD	
		0103	ADV151-P	8-1-11	8	1	11	STE2	SSTE2				DI	NIS								BEAD	
		0103	ADV151-P	8-1-12	8	1	12	FAT2	SFAT2	FATTY ACID 2			DI	NIS								BEAD	
		0103	ADV151-P	8-1-13	8	1	13	AIR2	SAIR2	HOT AIR 2			DI	NIS								BEAD	
		0103	ADV151-P	8-1-14	8	1	14	OFF3	OFF3				DI	NIS								BEAD	
		0103	ADV151-P	8-1-15	8	1	15	STE3	SSTE3				DI	NIS								BEAD	
		0103	ADV151-P	8-1-16	8	1	16	FAT3	SFAT3	FATTY ACID 3			DI	NIS								BEAD	
		0103	ADV151-P	8-1-17	8	1	17	AIR3	SAIR3	HOT AIR 3			DI	NIS								BEAD	
		0103	ADV151-P	8-1-18	8	1	18	191-25KG	191-25KG				DI	NIS								BEAD	
		0103	ADV151-P	8-1-19	8	1	19	191-JUMBO	191-JUMBO				DI	NIS								BEAD	
		0103	ADV151-P	8-1-20	8	1	20	DS01STR	SDS01STR				DI	NIS									
		0103	ADV151-P	8-1-21	8	1	21	DS01STP	SDS01STP				DI	NIS									
		0103	ADV151-P	8-1-22	8	1	22	JS01STR	SJS01STR				DI	NIS									
		0103	ADV151-P	8-1-23	8	1	23	JS01STP	SJS01STP				DI	NIS									
		0103	ADV151-P	8-1-24	8	1	24	HA00STR	SHA00STR				DI	NIS									
		0103	ADV151-P	8-1-25	8	1	25	HA00STP	SHA00STP				DI	NIS									
		0103	ADV151-P	8-1-26	8	1	26	N00STR	SN00STR				DI	NIS									
		0103	ADV151-P	8-1-27	8	1	27	N00STP	SN00STP				DI	NIS									
		0103	ADV151-P	8-1-28	8	1	28	SC01STR	SSC01STR				DI	NIS									
		0103	ADV151-P	8-1-29	8	1	29	SC01STP	SSC01STP				DI	NIS									
		0103	ADV151-P	8-1-30	8	1	30	LAHS01	LAHS01				DI	NIS									
		0103	ADV151-P	8-1-31	8	1	31	LALS01	LALS01				DI	NIS									
		0103	ADV151-P	8-1-32	8	1	32	SPARE					DI	NIS									
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	8-2-1	8	2	1	SNBUPS-FAIL	SNBUPS-FAIL				DI	NIS									
		0103	ADV151-P	8-2-2	8	2	2	SNBUPS-BPASS	SNBUPS-BPASS				DI	NIS									
		0103	ADV151-P	8-2-3	8	2	3	SNBUPS-LOSS	SNBUPS-LOSS				DI	NIS									
		0103	ADV151-P	8-2-4	8	2	4	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-5	8	2	5	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-6	8	2	6	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-7	8	2	7	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-8	8	2	8	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-9	8	2	9	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-10	8	2	10	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-11	8	2	11	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-12	8	2	12	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-13	8	2	13	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-14	8	2	14	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-15	8	2	15	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-16	8	2	16	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-17	8	2	17	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-18	8	2	18	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-19	8	2	19	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-20	8	2	20	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-21	8	2	21	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-22	8	2	22	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-23	8	2	23	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-24	8	2	24	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-25	8	2	25	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-26	8	2	26	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-27	8	2	27	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-28	8	2	28	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-29	8	2	29	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-30	8	2	30	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-31	8	2	31	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-2-32	8	2	32	SPARE	SPARE				DI	NIS									

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	8-3-1	8	3	1	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-2	8	3	2	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-3	8	3	3	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-4	8	3	4	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-5	8	3	5	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-6	8	3	6	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-7	8	3	7	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-8	8	3	8	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-9	8	3	9	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-10	8	3	10	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-11	8	3	11	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-12	8	3	12	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-13	8	3	13	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-14	8	3	14	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-15	8	3	15	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-16	8	3	16	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-17	8	3	17	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-18	8	3	18	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-19	8	3	19	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-20	8	3	20	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-21	8	3	21	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-22	8	3	22	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-23	8	3	23	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-24	8	3	24	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-25	8	3	25	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-26	8	3	26	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-27	8	3	27	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-28	8	3	28	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-29	8	3	29	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-30	8	3	30	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-31	8	3	31	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	8-3-32	8	3	32	SPARE	SPARE				DI	NIS									

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	9-1-1	9	1	1	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-2	9	1	2	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-3	9	1	3	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-4	9	1	4	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-5	9	1	5	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-6	9	1	6	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-7	9	1	7	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-8	9	1	8	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-9	9	1	9	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-10	9	1	10	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-11	9	1	11	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-12	9	1	12	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-13	9	1	13	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-14	9	1	14	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-15	9	1	15	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-16	9	1	16	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-17	9	1	17	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-18	9	1	18	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-19	9	1	19	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-20	9	1	20	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-21	9	1	21	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-22	9	1	22	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-23	9	1	23	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-24	9	1	24	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-25	9	1	25	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-26	9	1	26	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-27	9	1	27	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-28	9	1	28	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-29	9	1	29	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-30	9	1	30	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-31	9	1	31	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-1-32	9	1	32	SPARE	SPARE				DI	NIS									

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	9-2-1	9	2	1	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-2	9	2	2	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-3	9	2	3	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-4	9	2	4	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-5	9	2	5	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-6	9	2	6	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-7	9	2	7	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-8	9	2	8	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-9	9	2	9	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-10	9	2	10	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-11	9	2	11	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-12	9	2	12	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-13	9	2	13	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-14	9	2	14	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-15	9	2	15	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-16	9	2	16	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-17	9	2	17	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-18	9	2	18	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-19	9	2	19	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-20	9	2	20	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-21	9	2	21	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-22	9	2	22	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-23	9	2	23	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-24	9	2	24	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-25	9	2	25	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-26	9	2	26	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-27	9	2	27	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-28	9	2	28	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-29	9	2	29	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-30	9	2	30	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-31	9	2	31	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-2-32	9	2	32	SPARE	SPARE				DI	NIS									

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description			IO Type		Range		Eng	ALRM & TRP Setting				PLANT	Remarks
															LOer	Upper	Units	LL	L	H	HH		
		0103	ADV151-P	9-3-1	9	3	1	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-2	9	3	2	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-3	9	3	3	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-4	9	3	4	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-5	9	3	5	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-6	9	3	6	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-7	9	3	7	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-8	9	3	8	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-9	9	3	9	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-10	9	3	10	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-11	9	3	11	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-12	9	3	12	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-13	9	3	13	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-14	9	3	14	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-15	9	3	15	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-16	9	3	16	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-17	9	3	17	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-18	9	3	18	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-19	9	3	19	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-20	9	3	20	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-21	9	3	21	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-22	9	3	22	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-23	9	3	23	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-24	9	3	24	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-25	9	3	25	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-26	9	3	26	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-27	9	3	27	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-28	9	3	28	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-29	9	3	29	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-30	9	3	30	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-31	9	3	31	SPARE	SPARE				DI	NIS									
		0103	ADV151-P	9-3-32	9	3	32	SPARE	SPARE				DI	NIS									

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng Units	Alarm & Trip Setting				PLANT	Remarks
															Lower	Upper		LL	L	H	HH		
		0103	ADV551-P	8-4-1	8	4	1	AG190D14O	AG190D14				DO	NIS								SN	
		0103	ADV551-P	8-4-2	8	4	2	AG190D15O	AG190D15				DO	NIS								SN	
		0103	ADV551-P	8-4-3	8	4	3	AG190V11AO	AG190V11A				DO	NIS								SN	
		0103	ADV551-P	8-4-4	8	4	4	AG190V11BO	AG190V11B				DO	NIS								SN	
		0103	ADV551-P	8-4-5	8	4	5	AG190V11CO	AG190V11C				DO	NIS								SN	
		0103	ADV551-P	8-4-6	8	4	6	AG190V12AO	AG190V12A				DO	NIS								SN	
		0103	ADV551-P	8-4-7	8	4	7	AG190V12BO	AG190V12B				DO	NIS								SN	
		0103	ADV551-P	8-4-8	8	4	8	AG190V14AO	AG190V14A				DO	NIS								SN	
		0103	ADV551-P	8-4-9	8	4	9	AG190V14BO	AG190V14B				DO	NIS								SN	
		0103	ADV551-P	8-4-10	8	4	10	AG190V15AO	AG190V15A				DO	NIS								SN	
		0103	ADV551-P	8-4-11	8	4	11	AG190V15BO	AG190V15B				DO	NIS								SN	
		0103	ADV551-P	8-4-12	8	4	12	AG190V16O	AG190V16				DO	NIS								SN	
		0103	ADV551-P	8-4-13	8	4	13	AG190V17O	AG190V17				DO	NIS								SN	
		0103	ADV551-P	8-4-14	8	4	14	FN190CT11AO	FN190CT11A				DO	NIS								SN	
		0103	ADV551-P	8-4-15	8	4	15	FN190CT11BO	FN190CT11B				DO	NIS								SN	
		0103	ADV551-P	8-4-16	8	4	16	FN190CT11CO	FN190CT11C				DO	NIS								SN	
		0103	ADV551-P	8-4-17	8	4	17	M190D15AO	M190D15A				DO	NIS								SN	
		0103	ADV551-P	8-4-18	8	4	18	M190D15BO	M190D15B				DO	NIS								SN	
		0103	ADV551-P	8-4-19	8	4	19	SPARE					DO	NIS								SN	
		0103	ADV551-P	8-4-20	8	4	20	M190D15DO	M190D15D				DO	NIS								SN	
		0103	ADV551-P	8-4-21	8	4	21	M190D15EO	M190D15E				DO	NIS								SN	
		0103	ADV551-P	8-4-22	8	4	22	M190D15FO	M190D15F				DO	NIS								SN	
		0103	ADV551-P	8-4-23	8	4	23	SPARE					DO	NIS								SN	
		0103	ADV551-P	8-4-24	8	4	24	M190D15GO	M190D15G				DO	NIS								SN	
		0103	ADV551-P	8-4-25	8	4	25	M190D15HO	M190D15H				DO	NIS								SN	
		0103	ADV551-P	8-4-26	8	4	26	M190D16O	M190D16				DO	NIS								SN	
		0103	ADV551-P	8-4-27	8	4	27	M190D17O	M190D17				DO	NIS								SN	
		0103	ADV551-P	8-4-28	8	4	28	M190MX13AO	M190MX13A				DO	NIS								SN	
		0103	ADV551-P	8-4-29	8	4	29	M190MX13CO	M190MX13C				DO	NIS								SN	
		0103	ADV551-P	8-4-30	8	4	30	M190V19AO	M190V19A				DO	NIS								SN	
		0103	ADV551-P	8-4-31	8	4	31	M190V19BO	M190V19B				DO	NIS								SN	
		0103	ADV551-P	8-4-32	8	4	32	M190V19O	M190V19				DO	NIS								SN	
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng Units	Alarm & Trip Setting				PLANT	Remarks
															Lower	Upper		LL	L	H	HH		
		0103	ADV551-P	8-5-1	8	5	1	PU190CH11AO	PU190CH11A				DO	NIS								SN	
		0103	ADV551-P	8-5-2	8	5	2	PU190CH11BO	PU190CH11B				DO	NIS								SN	
		0103	ADV551-P	8-5-3	8	5	3	PU190CT11AO	PU190CT11A				DO	NIS								SN	
		0103	ADV551-P	8-5-4	8	5	4	PU190CT11BO	PU190CT11B				DO	NIS								SN	
		0103	ADV551-P	8-5-5	8	5	5	PU190CT11CO	PU190CT11C				DO	NIS								SN	
		0103	ADV551-P	8-5-6	8	5	6	PU190D13BO	PU190D13B				DO	NIS								SN	
		0103	ADV551-P	8-5-7	8	5	7	PU190D14O	PU190D14				DO	NIS								SN	
		0103	ADV551-P	8-5-8	8	5	8	PU190D18AO	PU190D18A				DO	NIS								SN	
		0103	ADV551-P	8-5-9	8	5	9	PU190D18BO	PU190D18B				DO	NIS								SN	
		0103	ADV551-P	8-5-10	8	5	10	PU190V11AO	PU190V11A				DO	NIS								SN	
		0103	ADV551-P	8-5-11	8	5	11	PU190V11BO	PU190V11B				DO	NIS								SN	
		0103	ADV551-P	8-5-12	8	5	12	PU190V11CO	PU190V11C				DO	NIS								SN	
		0103	ADV551-P	8-5-13	8	5	13	PU190V12AO	PU190V12A				DO	NIS								SN	
		0103	ADV551-P	8-5-14	8	5	14	PU190V12BO	PU190V12B				DO	NIS								SN	
		0103	ADV551-P	8-5-15	8	5	15	PU190V12CO	PU190V12C				DO	NIS								SN	
		0103	ADV551-P	8-5-16	8	5	16	PU190V13AO	PU190V13A				DO	NIS								SN	
		0103	ADV551-P	8-5-17	8	5	17	PU190V13BO	PU190V13B				DO	NIS								SN	
		0103	ADV551-P	8-5-18	8	5	18	PU190V13CO	PU190V13C				DO	NIS								SN	
		0103	ADV551-P	8-5-19	8	5	19	PU190V14AO	PU190V14A				DO	NIS								SN	
		0103	ADV551-P	8-5-20	8	5	20	PU190V14BO	PU190V14B				DO	NIS								SN	
		0103	ADV551-P	8-5-21	8	5	21	PU190V15AO	PU190V15A				DO	NIS								SN	
		0103	ADV551-P	8-5-22	8	5	22	PU190V15BO	PU190V15B				DO	NIS								SN	
		0103	ADV551-P	8-5-23	8	5	23	PU190V16O	PU190V16				DO	NIS								SN	
		0103	ADV551-P	8-5-24	8	5	24	PU190V17O	PU190V17				DO	NIS								SN	
		0103	ADV551-P	8-5-25	8	5	25	PU190V18O	PU190V18				DO	NIS								SN	
		0103	ADV551-P	8-5-26	8	5	26	SV190MX13AO	SV190MX13A				DO	NIS								SN	
		0103	ADV551-P	8-5-27	8	5	27	SPARE					DO	NIS								SN	
		0103	ADV551-P	8-5-28	8	5	28	SPARE					DO	NIS								SN	
		0103	ADV551-P	8-5-29	8	5	29	M190D15IFO	M190D15I				DO	NIS								SN	
		0103	ADV551-P	8-5-30	8	5	30	M190D15IBO					DO	NIS								SN	
		0103	ADV551-P	8-5-31	8	5	31	GF190D16O	GF190D16				DO	NIS								SN	
		0103	ADV551-P	8-5-32	8	5	32	GF190D17O	GF190D17				DO	NIS								SN	

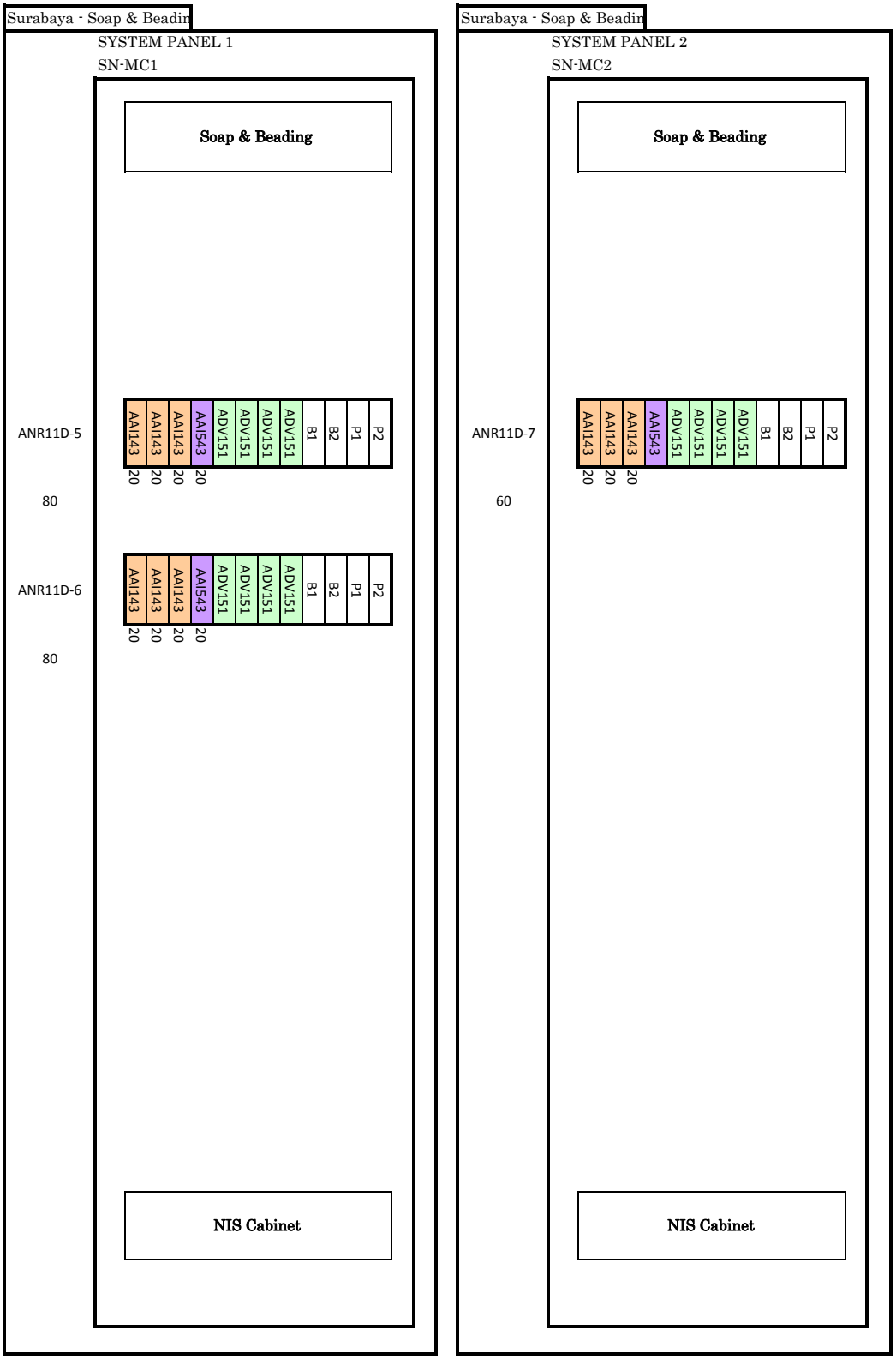
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				PLANT	Remarks
															Lower	Upper	Units	LL	L	H	HH		
		0103	ADV551-P	8-6-1	8	6	1	SV190V11O	SV190V11				DO	NIS								SN	
		0103	ADV551-P	8-6-2	8	6	2	SV190V12O	SV190V12				DO	NIS								SN	
		0103	ADV551-P	8-6-3	8	6	3	SV190V13O	SV190V13				DO	NIS								SN	
		0103	ADV551-P	8-6-4	8	6	4	SV190V14O	SV190V14				DO	NIS								SN	
		0103	ADV551-P	8-6-5	8	6	5	SV190V15O	SV190V15				DO	NIS								SN	
		0103	ADV551-P	8-6-6	8	6	6	SV190V16O	SV190V16				DO	NIS								SN	
		0103	ADV551-P	8-6-7	8	6	7	SV190V17O	SV190V17				DO	NIS								SN	
		0103	ADV551-P	8-6-8	8	6	8	SPARE					DO	NIS								SN	
		0103	ADV551-P	8-6-9	8	6	9	F190D15AO	F190D15A				DO	NIS								SN	
		0103	ADV551-P	8-6-10	8	6	10	F190D15BO	F190D15B				DO	NIS								SN	
		0103	ADV551-P	8-6-11	8	6	11	SV190D15O	SV190D15				DO	NIS								SN	
		0103	ADV551-P	8-6-12	8	6	12	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-13	8	6	13	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-14	8	6	14	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-15	8	6	15	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-16	8	6	16	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-17	8	6	17	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-18	8	6	18	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-19	8	6	19	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-20	8	6	20	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-21	8	6	21	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-22	8	6	22	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-23	8	6	23	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-24	8	6	24	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-25	8	6	25	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-26	8	6	26	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-27	8	6	27	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-28	8	6	28	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-29	8	6	29	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-30	8	6	30	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-31	8	6	31	SPARE	SPARE				DO	NIS								SN	
		0103	ADV551-P	8-6-32	8	6	32	SPARE	SPARE				DO	NIS								SN	
Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng	Alarm & Trip Setting				PLANT	Remarks
															Lower	Upper	Units	LL	L	H	HH		
		0103	ADV551-P	8-7-1	8	7	1	SPARE					DO	NIS								BEAD	
		0103	ADV551-P	8-7-2	8	7	2	AG903201O	AG903201				DO	NIS								BEAD	
		0103	ADV551-P	8-7-3	8	7	3	AG903202O	AG903202				DO	NIS								BEAD	
		0103	ADV551-P	8-7-4	8	7	4	AG903301O	AG903301				DO	NIS								BEAD	
		0103	ADV551-P	8-7-5	8	7	5	F1O	F1				DO	NIS								BEAD	
		0103	ADV551-P	8-7-6	8	7	6	F2O	F2				DO	NIS								BEAD	
		0103	ADV551-P	8-7-7	8	7	7	P-2-2O	P-2-2				DO	NIS								BEAD	deleted
		0103	ADV551-P	8-7-8	8	7	8	P-1-1O	P-1-1				DO	NIS								BEAD	
		0103	ADV551-P	8-7-9	8	7	9	P-1-2O	P-1-2				DO	NIS								BEAD	
		0103	ADV551-P	8-7-10	8	7	10	P-2-1O	P-2-1				DO	NIS								BEAD	
		0103	ADV551-P	8-7-11	8	7	11	SPARE					DO	NIS								BEAD	
		0103	ADV551-P	8-7-12	8	7	12	PU903201O	PU903201				DO	NIS								BEAD	
		0103	ADV551-P	8-7-13	8	7	13	SPARE					DO	NIS								BEAD	
		0103	ADV551-P	8-7-14	8	7	14	PU903302O	PU903302				DO	NIS								BEAD	
		0103	ADV551-P	8-7-15	8	7	15	VM-1O	VM-1				DO	NIS								BEAD	
		0103	ADV551-P	8-7-16	8	7	16	SPARE					DO	NIS								BEAD	
		0103	ADV551-P	8-7-17	8	7	17	SPARE					DO	NIS								BEAD	
		0103	ADV551-P	8-7-18	8	7	18	AG-MT-4O	AG-MT-4				DO	NIS								BEAD	
		0103	ADV551-P	8-7-19	8	7	19	PU903301O	PU903301				DO	NIS								BEAD	
		0103	ADV551-P	8-7-20	8	7	20	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-21	8	7	21	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-22	8	7	22	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-23	8	7	23	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-24	8	7	24	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-25	8	7	25	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-26	8	7	26	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-27	8	7	27	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-28	8	7	28	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-29	8	7	29	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-30	8	7	30	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-31	8	7	31	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	8-7-32	8	7	32	SPARE	SPARE				DO	NIS								BEAD	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng Units	Alarm & Trip Setting				PLANT	Remarks
															Lower	Upper		LL	L	H	HH		
		0103	ADV551-P	9-4-1	9	4	1	SV19101DS01O	SV19101DS01				DO	NIS								BEAD	
		0103	ADV551-P	9-4-2	9	4	2	SV19101HA00O	SV19101HA00				DO	NIS								BEAD	
		0103	ADV551-P	9-4-3	9	4	3	SV19101JS01O	SV19101JS01				DO	NIS								BEAD	
		0103	ADV551-P	9-4-4	9	4	4	SV19101N00O	SV19101N00				DO	NIS								BEAD	
		0103	ADV551-P	9-4-5	9	4	5	SC01O	SC01				DO	NIS								BEAD	
		0103	ADV551-P	9-4-6	9	4	6	SC02O	SC02				DO	NIS								BEAD	
		0103	ADV551-P	9-4-7	9	4	7	SPARE					DO	NIS								BEAD	deleted
		0103	ADV551-P	9-4-8	9	4	8	VJC07O	VJC07				DO	NIS								BEAD	
		0103	ADV551-P	9-4-9	9	4	9	VJC01O	VJC01				DO	NIS								BEAD	
		0103	ADV551-P	9-4-10	9	4	10	VJC02O	VJC02				DO	NIS								BEAD	
		0103	ADV551-P	9-4-11	9	4	11	VJC03O	VJC03				DO	NIS								BEAD	
		0103	ADV551-P	9-4-12	9	4	12	VJC04O	VJC04				DO	NIS								BEAD	
		0103	ADV551-P	9-4-13	9	4	13	VJC05O	VJC05				DO	NIS								BEAD	
		0103	ADV551-P	9-4-14	9	4	14	SV191HA01O	SV191HA01				DO	NIS								BEAD	
		0103	ADV551-P	9-4-15	9	4	15	SV191HA02O	SV191HA02				DO	NIS								BEAD	
		0103	ADV551-P	9-4-16	9	4	16	SV191HA03O	SV191HA03				DO	NIS								BEAD	
		0103	ADV551-P	9-4-17	9	4	17	SV191N01O	SV191N01				DO	NIS								BEAD	
		0103	ADV551-P	9-4-18	9	4	18	SV191N02O	SV191N02				DO	NIS								BEAD	
		0103	ADV551-P	9-4-19	9	4	19	SV191N03O	SV191N03				DO	NIS								BEAD	
		0103	ADV551-P	9-4-20	9	4	20	VJC06O	VJC06				DO	NIS								BEAD	
		0103	ADV551-P	9-4-21	9	4	21	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-22	9	4	22	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-23	9	4	23	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-24	9	4	24	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-25	9	4	25	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-26	9	4	26	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-27	9	4	27	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-28	9	4	28	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-29	9	4	29	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-30	9	4	30	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-31	9	4	31	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-4-32	9	4	32	SPARE	SPARE				DO	NIS								BEAD	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng Units	Alarm & Trip Setting				PLANT	Remarks
															Lower	Upper		LL	L	H	HH		
		0103	ADV551-P	9-5-1	9	5	1	SVA01O	SVA01				DO	NIS								BEAD	
		0103	ADV551-P	9-5-2	9	5	2	SVA02O	SVA02				DO	NIS								BEAD	
		0103	ADV551-P	9-5-3	9	5	3	SVA03O	SVA03				DO	NIS								BEAD	
		0103	ADV551-P	9-5-4	9	5	4	SVA04O	SVA04				DO	NIS								BEAD	
		0103	ADV551-P	9-5-5	9	5	5	SVA05O	SVA05				DO	NIS								BEAD	
		0103	ADV551-P	9-5-6	9	5	6	SVA06O	SVA06				DO	NIS								BEAD	
		0103	ADV551-P	9-5-7	9	5	7	SVA07O	SVA07				DO	NIS								BEAD	
		0103	ADV551-P	9-5-8	9	5	8	SVA08O	SVA08				DO	NIS								BEAD	
		0103	ADV551-P	9-5-9	9	5	9	SVA09O	SVA09				DO	NIS								BEAD	
		0103	ADV551-P	9-5-10	9	5	10	SVA10O	SVA10				DO	NIS								BEAD	
		0103	ADV551-P	9-5-11	9	5	11	SVA11O	SVA11				DO	NIS								BEAD	
		0103	ADV551-P	9-5-12	9	5	12	SVA12O	SVA12				DO	NIS								BEAD	
		0103	ADV551-P	9-5-13	9	5	13	SVS19101O	SVS19101				DO	NIS								BEAD	
		0103	ADV551-P	9-5-14	9	5	14	SVS19102O	SVS19102				DO	NIS								BEAD	
		0103	ADV551-P	9-5-15	9	5	15	SVS19103O	SVS19103				DO	NIS								BEAD	
		0103	ADV551-P	9-5-16	9	5	16	SVW01O	SVW01				DO	NIS								BEAD	
		0103	ADV551-P	9-5-17	9	5	17	SVW02O	SVW02				DO	NIS								BEAD	
		0103	ADV551-P	9-5-18	9	5	18	SVW03O	SVW03				DO	NIS								BEAD	
		0103	ADV551-P	9-5-19	9	5	19	SVW04O	SVW04				DO	NIS								BEAD	
		0103	ADV551-P	9-5-20	9	5	20	SVW05O	SVW05				DO	NIS								BEAD	
		0103	ADV551-P	9-5-21	9	5	21	SVW06O	SVW06				DO	NIS								BEAD	
		0103	ADV551-P	9-5-22	9	5	22	SVW07O	SVW07				DO	NIS								BEAD	
		0103	ADV551-P	9-5-23	9	5	23	SVW08O	SVW08				DO	NIS								BEAD	
		0103	ADV551-P	9-5-24	9	5	24	SVW09O	SVW09				DO	NIS								BEAD	
		0103	ADV551-P	9-5-25	9	5	25	SVW10O	SVW10				DO	NIS								BEAD	
		0103	ADV551-P	9-5-26	9	5	26	SVW11O	SVW11				DO	NIS								BEAD	
		0103	ADV551-P	9-5-27	9	5	27	SVW12O	SVW12				DO	NIS								BEAD	
		0103	ADV551-P	9-5-28	9	5	28	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-5-29	9	5	29	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-5-30	9	5	30	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-5-31	9	5	31	SPARE	SPARE				DO	NIS								BEAD	
		0103	ADV551-P	9-5-32	9	5	32	SPARE	SPARE				DO	NIS								BEAD	

Cabinet Location	JB Location	FCU	Module					Source Tag	DCS Tag	Service Description	Service Description		IO Type		Range		Eng Units	Alarm & Trip Setting				PLANT	Remarks
															Lower	Upper		LL	L	H	HH		
		0103	ADV551-P	9-6-1	9	6	1	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-2	9	6	2	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-3	9	6	3	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-4	9	6	4	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-5	9	6	5	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-6	9	6	6	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-7	9	6	7	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-8	9	6	8	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-9	9	6	9	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-10	9	6	10	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-11	9	6	11	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-12	9	6	12	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-13	9	6	13	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-14	9	6	14	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-15	9	6	15	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-16	9	6	16	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-17	9	6	17	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-18	9	6	18	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-19	9	6	19	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-20	9	6	20	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-21	9	6	21	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-22	9	6	22	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-23	9	6	23	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-24	9	6	24	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-25	9	6	25	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-26	9	6	26	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-27	9	6	27	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-28	9	6	28	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-29	9	6	29	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-30	9	6	30	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-31	9	6	31	SPARE	SPARE				DO	NIS									
		0103	ADV551-P	9-6-32	9	6	32	SPARE	SPARE				DO	NIS									

FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				PLANT	Remarks
														Lower	Upper	Units	LL	L	H	HH		
0103	AAI543-S	5-4-1	5	4	1	PV190MX13C	PIC190MX13C	%%PV190MX13C				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-2	5	4	2	PU190D13BAO	PU190D13FD	%%PU190D13BAO				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-3	5	4	3	TV190XH11	TIC190XH11	%%TV190XH11				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-4	5	4	4	TV190XH12	TIC190XH12	%%TV190XH12				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-5	5	4	5	M190D15AAO	M190D15AFD	%%M190D15AAO				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-6	5	4	6	M190D15BAO	M190D15BFD	%%M190D15BAO				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-7	5	4	7	M190D15DAO	M190D15DFD	%%M190D15DAO				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-8	5	4	8	M190D15EAO	M190D15EFD	%%M190D15EAO				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-9	5	4	9	M190D16AO	M190D16AFD	%%M190D16AO				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-10	5	4	10	M190D17AO	M190D17AFD	%%M190D17AO				AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-11	5	4	11	SPARE						AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-12	5	4	12	SPARE						AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-13	5	4	13	SPARE						AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-14	5	4	14	SPARE						AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-15	5	4	15	SPARE						AO	NIS	0	100	%					SN	
0103	AAI543-S	5-4-16	5	4	16	SPARE						AO	NIS	0	100	%					SN	
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				PLANT	Remarks
														Lower	Upper	Units	LL	L	H	HH		
0103	AAI543-S	6-4-1	6	4	1	VDC-1	LICAR-01	%%VDC-1				AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-2	6	4	2	VDC-3	PIC19101	%%VDC-3				AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-3	6	4	3	VDC-4	PICA04	%%VDC-4				AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-4	6	4	4	VDC-5	PICA05	%%VDC-5				AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-5	6	4	5	SPARE						AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-6	6	4	6	PU19104AAO	PU19104AFD	%%PU19104AAO				AO	NIS	0	100	%					BEAD	02 SEP 09 ADD IN
0103	AAI543-S	6-4-7	6	4	7	PU19104BAO	PU19104BFD	%%PU19104BAO				AO	NIS	0	100	%					BEAD	02 SEP 09 ADD IN
0103	AAI543-S	6-4-8	6	4	8	FN19101AO	FN19101FD	%%FN19101AO				AO	NIS	0	100	%					BEAD	02 SEP 09 ADD IN
0103	AAI543-S	6-4-9	6	4	9	FN19102AO	FN19102FD	%%FN19102AO				AO	NIS	0	100	%					BEAD	02 SEP 09 ADD IN
0103	AAI543-S	6-4-10	6	4	10	VDC-2		%%VDC-2				AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-11	6	4	11	SPARE						AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-12	6	4	12	SPARE						AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-13	6	4	13	SPARE						AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-14	6	4	14	SPARE						AO	NIS	0	100	%					BEAD	
0103	AAI543-S	6-4-15	6	4	15	SPARE						AO	NIS	0	100	%					BEAD	
0103	AAI543-S	5-4-16	5	4	16	SPARE						AO	NIS	0	100	%					BEAD	
FCU	Module					Source Tag	DCS Tag	IO Assigned Tag	Service Description			IO Type		Range		Eng	Alarm & Trip Setting				PLANT	Remarks
														Lower	Upper	Units	LL	L	H	HH		
0103	AAI543-S	7-4-1	7	4	1	PU190V11AAO	PU190V11AFD	%%PU190V11AAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-2	7	4	2	PU190V11BAO	PU190V11BFD	%%PU190V11BAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-3	7	4	3	PU190V12AAO	PU190V12AFD	%%PU190V12AAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-4	7	4	4	PU190V12BAO	PU190V12BFD	%%PU190V12BAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-5	7	4	5	PU190V13AAO	PU190V13AFD	%%PU190V13AAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-6	7	4	6	PU190V13BAO	PU190V13BFD	%%PU190V13BAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-7	7	4	7	PU190V14AAO	PU190V14AFD	%%PU190V14AAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-8	7	4	8	PU190V14BAO	PU190V14BFD	%%PU190V14BAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-9	7	4	9	PU190V15AAO	PU190V15AFD	%%PU190V15AAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-10	7	4	10	PU190V15BAO	PU190V15BFD	%%PU190V15BAO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-11	7	4	11	PU190V16AO	PU190V16FD	%%PU190V16AO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-12	7	4	12	PU190V17AO	PU190V17FD	%%PU190V17AO				AO	NIS	0	100	%						02 SEP 09 ADDED
0103	AAI543-S	7-4-13	7	4	13	SPARE						AO	NIS	0	100	%						
0103	AAI543-S	7-4-14	7	4	14	SPARE						AO	NIS	0	100	%						
0103	AAI543-S	7-4-15	7	4	15	SPARE						AO	NIS	0	100	%						
0103	AAI543-S	7-4-16	7	4	16	SPARE						AO	NIS	0	100	%						


Surabaya - Soap & Beadin
SYSTEM PANEL 1
SN-MC1
Soap & Beading
ANR11D-5
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AAI143 20
AAI143 20
AAI143 20
AAI543 20
ADV151
ADV151
ADV151
ADV151
B1
B2
P1
P2
ANR11D-6
80
AAI143 20
AAI143 20
AAI143 20
AAI543 20
ADV151
ADV151
ADV151
ADV151
B1
B2
P1
P2
NIS Cabinet
Surabaya - Soap & Beadin
SYSTEM PANEL 2
SN-MC2
Soap & Beading
ANR11D-7
60
AAI143 20
AAI143 20
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AAI543
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B2
P1
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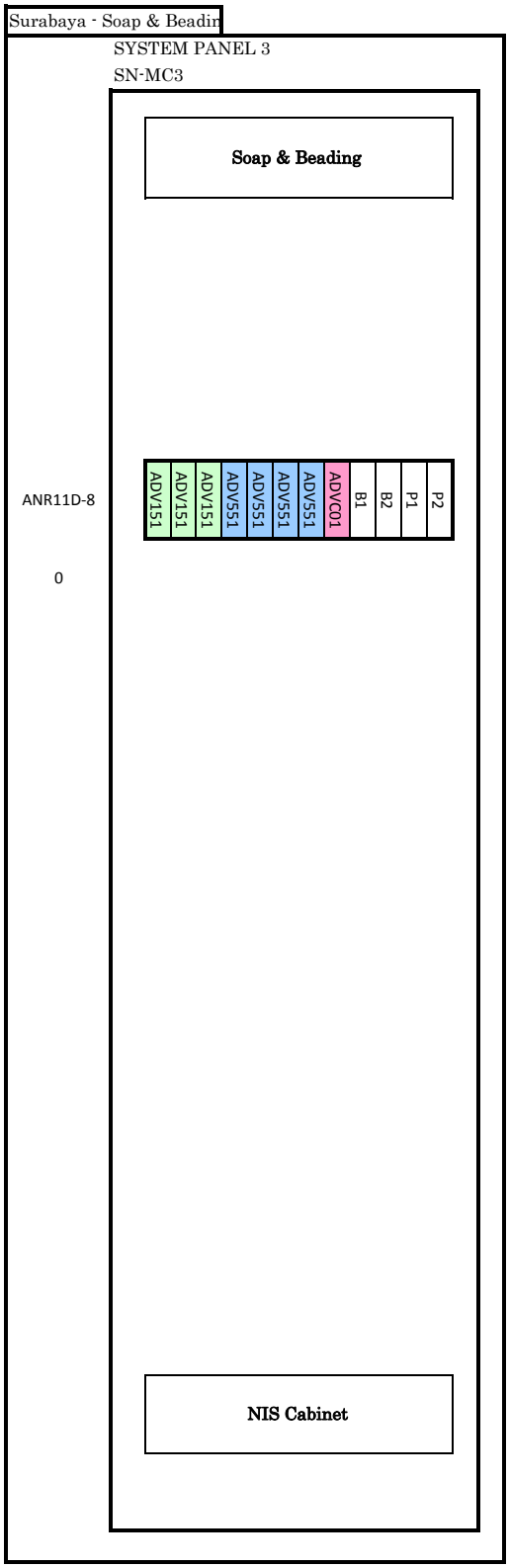
NIS Cabinet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SYSTEM PANEL 3
SN-MC3
Soap & Beading
ANR11D-8
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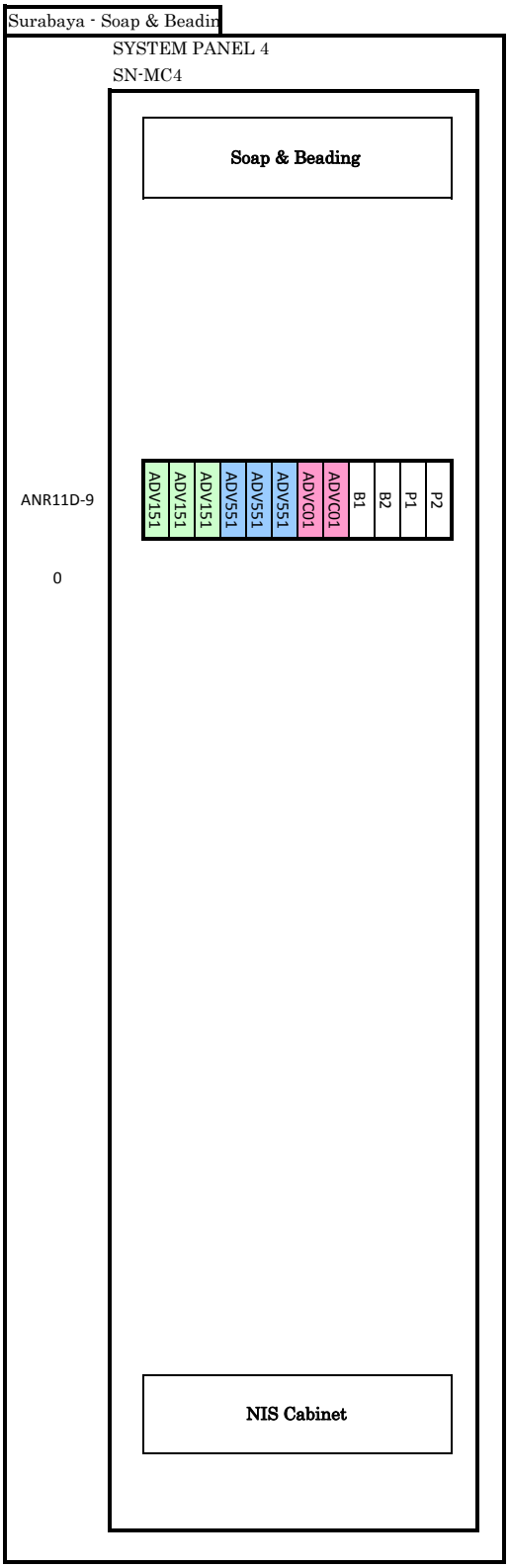
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Soap & Beading
ANR11D-9
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ADV151
ADV151
ADV551
ADV551
ADV551
ADVC01
ADVC01
B1
B2
P1
P2
NIS Cabinet

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-1
0VDC-1 24VDC-1

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB1-001	AG190D14STI	A1	1	5	5	ADV151
			TB1-002		A17				
			TB1-003	AG190D14TRI	A2	2	5	5	ADV151
			TB1-004		A17				
			TB1-005	AG190D15STI	A3	3	5	5	ADV151
			TB1-006		A17				
			TB1-007	AG190D15TRI	A4	4	5	5	ADV151
			TB1-008		A17				
			TB1-009	AG190V11ASTI	A5	5	5	5	ADV151
			TB1-010		A17				
			TB1-011	AG190V11ATRI	A6	6	5	5	ADV151
			TB1-012		A17				
			TB1-013	AG190V11BSTI	A7	7	5	5	ADV151
			TB1-014		A17				
			TB1-015	AG190V11BTRI	A8	8	5	5	ADV151
			TB1-016		A17				
			TB1-017	AG190V11CSTI	A9	9	5	5	ADV151
			TB1-018		A17				
			TB1-019	AG190V11CTRI	A10	10	5	5	ADV151
			TB1-020		A17				
			TB1-021	AG190V12ASTI	A11	11	5	5	ADV151
			TB1-022		A17				
			TB1-023	AG190V12ATRI	A12	12	5	5	ADV151
			TB1-024		A17				
			TB1-025	AG190V12BSTI	A13	13	5	5	ADV151
			TB1-026		A17				
			TB1-027	AG190V12BTRI	A14	14	5	5	ADV151
			TB1-028		A17				
			TB1-029	AG190V14ASTI	A15	15	5	5	ADV151
			TB1-030		A17				
			TB1-031	AG190V14ATRI	A16	16	5	5	ADV151
			TB1-032		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	24-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	24
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	25

YOKOGAWA

Signal Type :		Cabinet No :		
~~HSC~~	~~RTD~~	SOAP & BEADING		FCU-0101
~~AI~~	~~AO~~	DCS PANEL 1		
DI	~~DO~~			
~~IS~~	NIS	MCB3-1		SYSTEM I/O
HART	NON HART	0VDC-1	24VDC-1	

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB1-033	AG190V14BSTI	B1	17	5	5	ADV151
			TB1-034		B17				
			TB1-035	AG190V14BTRI	B2	18	5	5	ADV151
			TB1-036		B17				
			TB1-037	AG190V15ASTI	B3	19	5	5	ADV151
			TB1-038		B17				
			TB1-039	AG190V15ATRI	B4	20	5	5	ADV151
			TB1-040		B17				
			TB1-041	AG190V15BSTI	B5	21	5	5	ADV151
			TB1-042		B17				
			TB1-043	AG190V15BTRI	B6	22	5	5	ADV151
			TB1-044		B17				
			TB1-045	AG190V16STI	B7	23	5	5	ADV151
			TB1-046		B17				
			TB1-047	AG190V16TRI	B8	24	5	5	ADV151
			TB1-048		B17				
			TB1-049	AG190V17STI	B9	25	5	5	ADV151
			TB1-050		B17				
			TB1-051	AG190V17TRI	B10	26	5	5	ADV151
			TB1-052		B17				
			TB1-053	FN190CT11ASTI	B11	27	5	5	ADV151
			TB1-054		B17				
			TB1-055	FN190CT11ATRI	B12	28	5	5	ADV151
			TB1-056		B17				
			TB1-057	FN190CT11BSTI	B13	29	5	5	ADV151
			TB1-058		B17				
			TB1-059	FN190CT11BTRI	B14	30	5	5	ADV151
			TB1-060		B17				
			TB1-061	FN190CT11CSTI	B15	31	5	5	ADV151
			TB1-062		B17				
			TB1-063	FN190CT11CTRI	B16	32	5	5	ADV151
			TB1-064		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	25-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	25
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	26

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-2
0VDC-2 24VDC-2

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB1-065	M190D15ASTI	A1	1	5	6	ADV151
			TB1-066		A17				
			TB1-067	M190D15ATRI	A2	2	5	6	ADV151
			TB1-068		A17				
			TB1-069	M190D15BSTI	A3	3	5	6	ADV151
			TB1-070		A17				
			TB1-071	M190D15BTRI	A4	4	5	6	ADV151
			TB1-072		A17				
			TB1-073	M190D15CSTI	A5	5	5	6	ADV151
			TB1-074		A17				
			TB1-075	M190D15CTRI	A6	6	5	6	ADV151
			TB1-076		A17				
			TB1-077	M190D15DSTI	A7	7	5	6	ADV151
			TB1-078		A17				
			TB1-079	M190D15DTRI	A8	8	5	6	ADV151
			TB1-080		A17				
			TB1-081	M190D15ESTI	A9	9	5	6	ADV151
			TB1-082		A17				
			TB1-083	M190D15ETRI	A10	10	5	6	ADV151
			TB1-084		A17				
			TB1-085	M190D15FSTI	A11	11	5	6	ADV151
			TB1-086		A17				
			TB1-087	M190D15FTRI	A12	12	5	6	ADV151
			TB1-088		A17				
			TB1-089	M190D15GSTI	A13	13	5	6	ADV151
			TB1-090		A17				
			TB1-091	M190D15GTRI	A14	14	5	6	ADV151
			TB1-092		A17				
			TB1-093	M190D15HSTI	A15	15	5	6	ADV151
			TB1-094		A17				
			TB1-095	M190D15HTRI	A16	16	5	6	ADV151
			TB1-096		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	26-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	26
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	27

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-2
0VDC-2 24VDC-2

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB1-097	M190D16STI	B1	17	5	6	ADV151
			TB1-098		B17				
			TB1-099	M190D16TRI	B2	18	5	6	ADV151
			TB1-100		B17				
			TB1-101	M190D17STI	B3	19	5	6	ADV151
			TB1-102		B17				
			TB1-103	M190D17TRI	B4	20	5	6	ADV151
			TB1-104		B17				
			TB1-105	M190MX13ASTI	B5	21	5	6	ADV151
			TB1-106		B17				
			TB1-107	M190MX13ATRI	B6	22	5	6	ADV151
			TB1-108		B17				
			TB1-109	M190MX13CSTI	B7	23	5	6	ADV151
			TB1-110		B17				
			TB1-111	M190MX13CTRI	B8	24	5	6	ADV151
			TB1-112		B17				
			TB1-113	M190V19ASTI	B9	25	5	6	ADV151
			TB1-114		B17				
			TB1-115	M190V19ATRI	B10	26	5	6	ADV151
			TB1-116		B17				
			TB1-117	M190V19BSTI	B11	27	5	6	ADV151
			TB1-118		B17				
			TB1-119	M190V19BTRI	B12	28	5	6	ADV151
			TB1-120		B17				
			TB1-121	M190V19STI	B13	29	5	6	ADV151
			TB1-122		B17				
			TB1-123	M190V19TRI	B14	30	5	6	ADV151
			TB1-124		B17				
			TB1-125	M190D15STI	B15	31	5	6	ADV151
			TB1-126		B17				
			TB1-127	M190D15TRI	B16	32	5	6	ADV151
			TB1-128		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	27-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	27
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	28

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-3
0VDC-3 24VDC-3

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB1-129	PU190CH11ASTI	A1	1	5	7	ADV151
			TB1-130		A17				
			TB1-131	PU190CH11ATRI	A2	2	5	7	ADV151
			TB1-132		A17				
			TB1-133	PU190CH11BSTI	A3	3	5	7	ADV151
			TB1-134		A17				
			TB1-135	PU190CH11BTRI	A4	4	5	7	ADV151
			TB1-136		A17				
			TB1-137	PU190CT11ASTI	A5	5	5	7	ADV151
			TB1-138		A17				
			TB1-139	PU190CT11ATRI	A6	6	5	7	ADV151
			TB1-140		A17				
			TB1-141	PU190CT11BSTI	A7	7	5	7	ADV151
			TB1-142		A17				
			TB1-143	PU190CT11BTRI	A8	8	5	7	ADV151
			TB1-144		A17				
			TB1-145	PU190CT11CSTI	A9	9	5	7	ADV151
			TB1-146		A17				
			TB1-147	PU190CT11CTRI	A10	10	5	7	ADV151
			TB1-148		A17				
			TB1-149	PU190D13BSTI	A11	11	5	7	ADV151
			TB1-150		A17				
			TB1-151	PU190D13BTRI	A12	12	5	7	ADV151
			TB1-152		A17				
			TB1-153	PU190D13BFF	A13	13	5	7	ADV151
			TB1-154		A17				
			TB1-155	PU190D14STI	A14	14	5	7	ADV151
			TB1-156		A17				
			TB1-157	PU190D14TRI	A15	15	5	7	ADV151
			TB1-158		A17				
			TB1-159	PU190D18ASTI	A16	16	5	7	ADV151
			TB1-160		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	28-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	28
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	29

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-3
0VDC-3 24VDC-3

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB1-161	PU190D18ATRI	B1	17	5	7	ADV151
			TB1-162		B17				
			TB1-163	PU190D18BSTI	B2	18	5	7	ADV151
			TB1-164		B17				
			TB1-165	PU190D18BTRI	B3	19	5	7	ADV151
			TB1-166		B17				
			TB1-167	M190D15AFF	B4	20	5	7	ADV151
			TB1-168		B17				
			TB1-169	M190D15BFF	B5	21	5	7	ADV151
			TB1-170		B17				
			TB1-171	M190D15DFF	B6	22	5	7	ADV151
			TB1-172		B17				
			TB1-173	M190D15EFF	B7	23	5	7	ADV151
			TB1-174		B17				
			TB1-175	M190D16FF	B8	24	5	7	ADV151
			TB1-176		B17				
			TB1-177	M190D17FF	B9	25	5	7	ADV151
			TB1-178		B17				
			TB1-179	SPARE	B10	26	5	7	ADV151
			TB1-180		B17				
			TB1-181	SPARE	B11	27	5	7	ADV151
			TB1-182		B17				
			TB1-183	SPARE	B12	28	5	7	ADV151
			TB1-184		B17				
			TB1-185	F190D15ASTI	B13	29	5	7	ADV151
			TB1-186		B17				
			TB1-187	F190D15ATRI	B14	30	5	7	ADV151
			TB1-188		B17				
			TB1-189	F190D15BSTI	B15	31	5	7	ADV151
			TB1-190		B17				
			TB1-191	F190D15BTRI	B16	32	5	7	ADV151
			TB1-192		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	29-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	29
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	30

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-4

0VDC-4 24VDC-4

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB1-193	PU190V11ASTI	A1	1	5	8	ADV151
			TB1-194		A17				
			TB1-195	PU190V11ATRI	A2	2	5	8	ADV151
			TB1-196		A17				
			TB1-197	PU190V11AFF	A3	3	5	8	ADV151
			TB1-198		A17				
			TB1-199	PU190V11BSTI	A4	4	5	8	ADV151
			TB1-200		A17				
			TB1-201	PU190V11BTRI	A5	5	5	8	ADV151
			TB1-202		A17				
			TB1-203	PU190V11BFF	A6	6	5	8	ADV151
			TB1-204		A17				
			TB1-205	PU190V11CSTI	A7	7	5	8	ADV151
			TB1-206		A17				
			TB1-207	PU190V11CTRI	A8	8	5	8	ADV151
			TB1-208		A17				
			TB1-209	PU190V12ASTI	A9	9	5	8	ADV151
			TB1-210		A17				
			TB1-211	PU190V12ATRI	A10	10	5	8	ADV151
			TB1-212		A17				
			TB1-213	PU190V12AFF	A11	11	5	8	ADV151
			TB1-214		A17				
			TB1-215	PU190V12BSTI	A12	12	5	8	ADV151
			TB1-216		A17				
			TB1-217	PU190V12BTRI	A13	13	5	8	ADV151
			TB1-218		A17				
			TB1-219	PU190V12BFF	A14	14	5	8	ADV151
			TB1-220		A17				
			TB1-221	PU190V12CSTI	A15	15	5	8	ADV151
			TB1-222		A17				
			TB1-223	PU190V12CTRI	A16	16	5	8	ADV151
			TB1-224		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	30-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	30
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	31

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-4
0VDC-4 24VDC-4

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB1-225	PU190V13ASTI	B1	17	5	8	ADV151
			TB1-226		B17				
			TB1-227	PU190V13ATRI	B2	18	5	8	ADV151
			TB1-228		B17				
			TB1-229	PU190V13AFF	B3	19	5	8	ADV151
			TB1-230		B17				
			TB1-231	PU190V13BSTI	B4	20	5	8	ADV151
			TB1-232		B17				
			TB1-233	PU190V13BTRI	B5	21	5	8	ADV151
			TB1-234		B17				
			TB1-235	PU190V13BFF	B6	22	5	8	ADV151
			TB1-236		B17				
			TB1-237	PU190V13CSTI	B7	23	5	8	ADV151
			TB1-238		B17				
			TB1-239	PU190V13CTRI	B8	24	5	8	ADV151
			TB1-240		B17				
			TB1-241	PU190V14ASTI	B9	25	5	8	ADV151
			TB1-242		B17				
			TB1-243	PU190V14ATRI	B10	26	5	8	ADV151
			TB1-244		B17				
			TB1-245	PU190V14AFF	B11	27	5	8	ADV151
			TB1-246		B17				
			TB1-247	PU190V14BSTI	B12	28	5	8	ADV151
			TB1-248		B17				
			TB1-249	PU190V14BTRI	B13	29	5	8	ADV151
			TB1-250		B17				
			TB1-251	PU190V14BFF	B14	30	5	8	ADV151
			TB1-252		B17				
			TB1-253	GO190D15CSTI	B15	31	5	8	ADV151
			TB1-254		B17				
			TB1-255	GO190D15CTRI	B16	32	5	8	ADV151
			TB1-256		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	31-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	31
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	32

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-5
0VDC-5 24VDC-5

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB2-001	PU190V15ASTI	A1	1	6	5	ADV151
			TB2-002		A17				
			TB2-003	PU190V15ATRI	A2	2	6	5	ADV151
			TB2-004		A17				
			TB2-005	PU190V15AFF	A3	3	6	5	ADV151
			TB2-006		A17				
			TB2-007	PU190V15BSTI	A4	4	6	5	ADV151
			TB2-008		A17				
			TB2-009	PU190V15BTRI	A5	5	6	5	ADV151
			TB2-010		A17				
			TB2-011	PU190V15BFF	A6	6	6	5	ADV151
			TB2-012		A17				
			TB2-013	PU190V16STI	A7	7	6	5	ADV151
			TB2-014		A17				
			TB2-015	PU190V16TRI	A8	8	6	5	ADV151
			TB2-016		A17				
			TB2-017	PU190V16FF	A9	9	6	5	ADV151
			TB2-018		A17				
			TB2-019	PU190V17STI	A10	10	6	5	ADV151
			TB2-020		A17				
			TB2-021	PU190V17TRI	A11	11	6	5	ADV151
			TB2-022		A17				
			TB2-023	PU190V17FF	A12	12	6	5	ADV151
			TB2-024		A17				
			TB2-025	PU190V18STI	A13	13	6	5	ADV151
			TB2-026		A17				
			TB2-027	PU190V18TRI	A14	14	6	5	ADV151
			TB2-028		A17				
			TB2-029	M190D15ISTFI	A15	15	6	5	ADV151
			TB2-030		A17				
			TB2-031	M190D15ISTBI	A16	16	6	5	ADV151
			TB2-032		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	32-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	32
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	33

YOKOGAWA

Signal Type :		Cabinet No :		
~~HSC~~	~~RTD~~	SOAP & BEADING		FCU-0101
~~AI~~	~~AO~~	DCS PANEL 1		
DI	~~DO~~			
~~IS~~	NIS	MCB3-5		SYSTEM I/O
HART	NON HART	0VDC-5	24VDC-5	

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB2-033	M190D15ITRI	B1	17	6	5	ADV151
			TB2-034		B17				
			TB2-035	SPARE	B2	18	6	5	ADV151
			TB2-036		B17				
			TB2-037	SV190V11OI	B3	19	6	5	ADV151
			TB2-038		B17				
			TB2-039	SV190V11CI	B4	20	6	5	ADV151
			TB2-040		B17				
			TB2-041	SV190V12OI	B5	21	6	5	ADV151
			TB2-042		B17				
			TB2-043	SV190V12CI	B6	22	6	5	ADV151
			TB2-044		B17				
			TB2-045	SV190V13OI	B7	23	6	5	ADV151
			TB2-046		B17				
			TB2-047	SV190V13CI	B8	24	6	5	ADV151
			TB2-048		B17				
			TB2-049	SV190V14OI	B9	25	6	5	ADV151
			TB2-050		B17				
			TB2-051	SV190V14CI	B10	26	6	5	ADV151
			TB2-052		B17				
			TB2-053	SV190V15OI	B11	27	6	5	ADV151
			TB2-054		B17				
			TB2-055	SV190V15CI	B12	28	6	5	ADV151
			TB2-056		B17				
			TB2-057	SV190V16OI	B13	29	6	5	ADV151
			TB2-058		B17				
			TB2-059	SV190V16CI	B14	30	6	5	ADV151
			TB2-060		B17				
			TB2-061	SV190V17OI	B15	31	6	5	ADV151
			TB2-062		B17				
			TB2-063	SV190V17CI	B16	32	6	5	ADV151
			TB2-064		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	33-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	33
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	34

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-6
0VDC-6 24VDC-6

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB2-065	FS190CH11AS	A1	1	6	6	ADV151
			TB2-066		A17				
			TB2-067	FS190CH11BS	A2	2	6	6	ADV151
			TB2-068		A17				
			TB2-069	LSH190D15AS	A3	3	6	6	ADV151
			TB2-070		A17				
			TB2-071	LSH190D15BS	A4	4	6	6	ADV151
			TB2-072		A17				
			TB2-073	LSH190V19AS	A5	5	6	6	ADV151
			TB2-074		A17				
			TB2-075	LSH190V19BS	A6	6	6	6	ADV151
			TB2-076		A17				
			TB2-077	LSL190CT11S	A7	7	6	6	ADV151
			TB2-078		A17				
			TB2-079	LSL190V19AS	A8	8	6	6	ADV151
			TB2-080		A17				
			TB2-081	LSL190V19BS	A9	9	6	6	ADV151
			TB2-082		A17				
			TB2-083	FSL190MX13AS	A10	10	6	6	ADV151
			TB2-084		A17				
			TB2-085	FSL190MX13CS	A11	11	6	6	ADV151
			TB2-086		A17				
			TB2-087	FSL190D13BS	A12	12	6	6	ADV151
			TB2-088		A17				
			TB2-089	190-25KG	A13	13	6	6	ADV151
			TB2-090		A17				
			TB2-091	190-JUMBO	A14	14	6	6	ADV151
			TB2-092		A17				
			TB2-093	192-FA	A15	15	6	6	ADV151
			TB2-094		A17				
			TB2-095	192-GLY	A16	16	6	6	ADV151
			TB2-096		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	34-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	34
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	35

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-6
0VDC-6 24VDC-6

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB2-097	GF190D16STI	B1	17	6	6	ADV151
			TB2-098		B17				
			TB2-099	GF190D16TRI	B2	18	6	6	ADV151
			TB2-100		B17				
			TB2-101	GF190D17STI	B3	19	6	6	ADV151
			TB2-102		B17				
			TB2-103	GF190D17TRI	B4	20	6	6	ADV151
			TB2-104		B17				
			TB2-105	SV190MX13AOI	B5	21	6	6	ADV151
			TB2-106		B17				
			TB2-107	SV190MX13ACI	B6	22	6	6	ADV151
			TB2-108		B17				
			TB2-109	SPARE	B7	23	6	6	ADV151
			TB2-110		B17				
			TB2-111	SPARE	B8	24	6	6	ADV151
			TB2-112		B17				
			TB2-113	SPARE	B9	25	6	6	ADV151
			TB2-114		B17				
			TB2-115	SPARE	B10	26	6	6	ADV151
			TB2-116		B17				
			TB2-117	SPARE	B11	27	6	6	ADV151
			TB2-118		B17				
			TB2-119	SPARE	B12	28	6	6	ADV151
			TB2-120		B17				
			TB2-121	SPARE	B13	29	6	6	ADV151
			TB2-122		B17				
			TB2-123	SPARE	B14	30	6	6	ADV151
			TB2-124		B17				
			TB2-125	SPARE	B15	31	6	6	ADV151
			TB2-126		B17				
			TB2-127	SPARE	B16	32	6	6	ADV151
			TB2-128		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	35-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	35
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	36

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-7
0VDC-7 24VDC-7

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB2-129	AG19104STI	A1	1	6	7	ADV151
			TB2-130		A17				
			TB2-131	AG19104TRI	A2	2	6	7	ADV151
			TB2-132		A17				
			TB2-133	AG903201STI	A3	3	6	7	ADV151
			TB2-134		A17				
			TB2-135	AG903201TRI	A4	4	6	7	ADV151
			TB2-136		A17				
			TB2-137	AG903202STI	A5	5	6	7	ADV151
			TB2-138		A17				
			TB2-139	AG903202TRI	A6	6	6	7	ADV151
			TB2-140		A17				
			TB2-141	AG903301STI	A7	7	6	7	ADV151
			TB2-142		A17				
			TB2-143	AG903301TRI	A8	8	6	7	ADV151
			TB2-144		A17				
			TB2-145	F1STI	A9	9	6	7	ADV151
			TB2-146		A17				
			TB2-147	F1TRI	A10	10	6	7	ADV151
			TB2-148		A17				
			TB2-149	F1FF	A11	11	6	7	ADV151
			TB2-150		A17				
			TB2-151	SPARE	A12	12	6	7	ADV151
			TB2-152		A17				
			TB2-153	SPARE	A13	13	6	7	ADV151
			TB2-154		A17				
			TB2-155	SPARE	A14	14	6	7	ADV151
			TB2-156		A17				
			TB2-157	SPARE	A15	15	6	7	ADV151
			TB2-158		A17				
			TB2-159	F2STI	A16	16	6	7	ADV151
			TB2-160		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	36-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	36
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	37

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-7
0VDC-7 24VDC-7

FCU-0103

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB2-161	F2TRI	B1	17	6	7	ADV151
			TB2-162		B17				
			TB2-163	F2FF	B2	18	6	7	ADV151
			TB2-164		B17				
			TB2-165	SPARE	B3	19	6	7	ADV151
			TB2-166		B17				
			TB2-167	SPARE	B4	20	6	7	ADV151
			TB2-168		B17				
			TB2-169	SPARE	B5	21	6	7	ADV151
			TB2-170		B17				
			TB2-171	SPARE	B6	22	6	7	ADV151
			TB2-172		B17				
			TB2-173	SPARE	B7	23	6	7	ADV151
			TB2-174		B17				
			TB2-175	SPARE	B8	24	6	7	ADV151
			TB2-176		B17				
			TB2-177	SPARE	B9	25	6	7	ADV151
			TB2-178		B17				
			TB2-179	SPARE	B10	26	6	7	ADV151
			TB2-180		B17				
			TB2-181	SPARE	B11	27	6	7	ADV151
			TB2-182		B17				
			TB2-183	SPARE	B12	28	6	7	ADV151
			TB2-184		B17				
			TB2-185	SPARE	B13	29	6	7	ADV151
			TB2-186		B17				
			TB2-187	SPARE	B14	30	6	7	ADV151
			TB2-188		B17				
			TB2-189	SPARE	B15	31	6	7	ADV151
			TB2-190		B17				
			TB2-191	SPARE	B16	32	6	7	ADV151
			TB2-192		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	37-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	37
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	38

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-8
0VDC-8 24VDC-8

FCU-0101

SYSTEM I/O

FIELD CABLE	*CROSS WIRING TB*	*CROSS WIRE NO.*	*TB*	*Tag No.*	*Term.*	*Channel*	*Node*	*Slot*	*Model*
			TB2-193	VJC06OI	A1	1	6	8	ADV151
			TB2-194		A17				
			TB2-195	VJC06CI	A2	2	6	8	ADV151
			TB2-196		A17				
			TB2-197	VJ-1OI	A3	3	6	8	ADV151
			TB2-198		A17				
			TB2-199	VJ-1CI	A4	4	6	8	ADV151
			TB2-200		A17				
			TB2-201	VJ-2OI	A5	5	6	8	ADV151
			TB2-202		A17				
			TB2-203	VJ-2CI	A6	6	6	8	ADV151
			TB2-204		A17				
			TB2-205	VJL4OI	A7	7	6	8	ADV151
			TB2-206		A17				
			TB2-207	VJL4CI	A8	8	6	8	ADV151
			TB2-208		A17				
			TB2-209	VJL2OI	A9	9	6	8	ADV151
			TB2-210		A17				
			TB2-211	VJL2CI	A10	10	6	8	ADV151
			TB2-212		A17				
			TB2-213	VJL3OI	A11	11	6	8	ADV151
			TB2-214		A17				
			TB2-215	VJL3CI	A12	12	6	8	ADV151
			TB2-216		A17				
			TB2-217	VJL1OI	A13	13	6	8	ADV151
			TB2-218		A17				
			TB2-219	VJL1CI	A14	14	6	8	ADV151
			TB2-220		A17				
			TB2-221	VJ-7OI	A15	15	6	8	ADV151
			TB2-222		A17				
			TB2-223	VJ-7CI	A16	16	6	8	ADV151
			TB2-224		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	38-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	38
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	39

YOKOGAWA

Signal Type :		
~~HSC~~	~~RTD~~	
~~AI~~	~~AO~~	
DI	~~DO~~	
~~IS~~	NIS	
HART	NON HART	

Cabinet No :

SOAP & BEADING
DCS PANEL 1

MCB3-8
0VDC-8 24VDC-8

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB2-225	VJ-8OI	B1	17	6	8	ADV151
			TB2-226		B17				
			TB2-227	VJ-8CI	B2	18	6	8	ADV151
			TB2-228		B17				
			TB2-229	VJ-9OI	B3	19	6	8	ADV151
			TB2-230		B17				
			TB2-231	VJ-9CI	B4	20	6	8	ADV151
			TB2-232		B17				
			TB2-233	VJ-10OI	B5	21	6	8	ADV151
			TB2-234		B17				
			TB2-235	VJ-10CI	B6	22	6	8	ADV151
			TB2-236		B17				
			TB2-237	VJ-4OI	B7	23	6	8	ADV151
			TB2-238		B17				
			TB2-239	VJ-4CI	B8	24	6	8	ADV151
			TB2-240		B17				
			TB2-241	VJ-6OI	B9	25	6	8	ADV151
			TB2-242		B17				
			TB2-243	VJ-6CI	B10	26	6	8	ADV151
			TB2-244		B17				
			TB2-245	VJ-3OI	B11	27	6	8	ADV151
			TB2-246		B17				
			TB2-247	VJ-3CI	B12	28	6	8	ADV151
			TB2-248		B17				
			TB2-249	VJ-5OI	B13	29	6	8	ADV151
			TB2-250		B17				
			TB2-251	VJ-5CI	B14	30	6	8	ADV151
			TB2-252		B17				
			TB2-253	VM-1STI	B15	31	6	8	ADV151
			TB2-254		B17				
			TB2-255	VM-1TRI	B16	32	6	8	ADV151
			TB2-256		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	39-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	39
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	40

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB3-001	FT190CT11	A1	1	5	1	AAI143
			TB3-002		B1				
			TB3-003	FT190V11	A2	2	5	1	AAI143
			TB3-004		B2				
			TB3-005	FT190V12	A3	3	5	1	AAI143
			TB3-006		B3				
			TB3-007	FT190V13	A4	4	5	1	AAI143
			TB3-008		B4				
			TB3-009	FT190V14	A5	5	5	1	AAI143
			TB3-010		B5				
			TB3-011	FT190V15	A6	6	5	1	AAI143
			TB3-012		B6				
			TB3-013	FT190V16	A7	7	5	1	AAI143
			TB3-014		B7				
			TB3-015	FT190V17	A8	8	5	1	AAI143
			TB3-016		B8				
			TB3-017	FT190S01	A9	9	5	1	AAI143
			TB3-018		B9				
			TB3-019	PU190V14AAI	A10	10	5	1	AAI143
			TB3-020		B10				
			TB3-021	PU190V14BAI	A11	11	5	1	AAI143
			TB3-022		B11				
			TB3-023	PU190V15AAI	A12	12	5	1	AAI143
			TB3-024		B12				
			TB3-025	PU190V15BAI	A13	13	5	1	AAI143
			TB3-026		B13				
			TB3-027	PU190V16AI	A14	14	5	1	AAI143
			TB3-028		B14				
			TB3-029	PU190V17AI	A15	15	5	1	AAI143
			TB3-030		B15				
			TB3-031	SPARE	A16	16	5	1	AAI143
			TB3-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	40-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	40
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	41

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB3-033	LT190V11A	A1	1	5	2	AAI143
			TB3-034		B1				
			TB3-035	LT190V11B	A2	2	5	2	AAI143
			TB3-036		B2				
			TB3-037	LT190V11C	A3	3	5	2	AAI143
			TB3-038		B3				
			TB3-039	LT190V12A	A4	4	5	2	AAI143
			TB3-040		B4				
			TB3-041	LT190V12B	A5	5	5	2	AAI143
			TB3-042		B5				
			TB3-043	LT190V13	A6	6	5	2	AAI143
			TB3-044		B6				
			TB3-045	LT190V14A	A7	7	5	2	AAI143
			TB3-046		B7				
			TB3-047	LT190V14B	A8	8	5	2	AAI143
			TB3-048		B8				
			TB3-049	LT190V15A	A9	9	5	2	AAI143
			TB3-050		B9				
			TB3-051	LT190V15B	A10	10	5	2	AAI143
			TB3-052		B10				
			TB3-053	LT190V16	A11	11	5	2	AAI143
			TB3-054		B11				
			TB3-055	LT190V17	A12	12	5	2	AAI143
			TB3-056		B12				
			TB3-057	LT190VCH11A	A13	13	5	2	AAI143
			TB3-058		B13				
			TB3-059	LT190VCH11B	A14	14	5	2	AAI143
			TB3-060		B14				
			TB3-061	PT190D13BB	A15	15	5	2	AAI143
			TB3-062		B15				
			TB3-063	SPARE	A16	16	5	2	AAI143
			TB3-064		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	41-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	41
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	42

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB3-065	PT190V12	A1	1	5	3	AAI143
			TB3-066		B1				
			TB3-067	PT190CH11	A2	2	5	3	AAI143
			TB3-068		B2				
			TB3-069	PT190D13	A3	3	5	3	AAI143
			TB3-070		B3				
			TB3-071	PT190D15	A4	4	5	3	AAI143
			TB3-072		B4				
			TB3-073	PT190D15B	A5	5	5	3	AAI143
			TB3-074		B5				
			TB3-075	PT190MX13C	A6	6	5	3	AAI143
			TB3-076		B6				
			TB3-077	SPARE	A7	7	5	3	AAI143
			TB3-078		B7				
			TB3-079	SPARE	A8	8	5	3	AAI143
			TB3-080		B8				
			TB3-081	PT190V11	A9	9	5	3	AAI143
			TB3-082		B9				
			TB3-083	PT190V13	A10	10	5	3	AAI143
			TB3-084		B10				
			TB3-085	PT190V14	A11	11	5	3	AAI143
			TB3-086		B11				
			TB3-087	PT190V15	A12	12	5	3	AAI143
			TB3-088		B12				
			TB3-089	PT190V16	A13	13	5	3	AAI143
			TB3-090		B13				
			TB3-091	PT190V17	A14	14	5	3	AAI143
			TB3-092		B14				
			TB3-093	PT190XC18A	A15	15	5	3	AAI143
			TB3-094		B15				
			TB3-095	PT190D13BF	A16	16	5	3	AAI143
			TB3-096		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	42-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	42
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	43

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB3-097	TT190CH11A	A1	1	6	1	AAI143
			TB3-098		B1				
			TB3-099	TT190CH11B	A2	2	6	1	AAI143
			TB3-100		B2				
			TB3-101	TT190CH11C	A3	3	6	1	AAI143
			TB3-102		B3				
			TB3-103	TT190CT11A	A4	4	6	1	AAI143
			TB3-104		B4				
			TB3-105	TT190CT11B	A5	5	6	1	AAI143
			TB3-106		B5				
			TB3-107	TT190D13	A6	6	6	1	AAI143
			TB3-108		B6				
			TB3-109	TT190D13R	A7	7	6	1	AAI143
			TB3-110		B7				
			TB3-111	SPARE	A8	8	6	1	AAI143
			TB3-112		B8				
			TB3-113	TT190D15B	A9	9	6	1	AAI143
			TB3-114		B9				
			TB3-115	TT190D15B1	A10	10	6	1	AAI143
			TB3-116		B10				
			TB3-117	TT190D15B2	A11	11	6	1	AAI143
			TB3-118		B11				
			TB3-119	TT190D15B3	A12	12	6	1	AAI143
			TB3-120		B12				
			TB3-121	TT190D15B4	A13	13	6	1	AAI143
			TB3-122		B13				
			TB3-123	TT190D15B5	A14	14	6	1	AAI143
			TB3-124		B14				
			TB3-125	TT190D15F	A15	15	6	1	AAI143
			TB3-126		B15				
			TB3-127	SPARE	A16	16	6	1	AAI143
			TB3-128		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	43-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	43
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	44

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB3-129	TT190V11A	A1	1	6	2	AAI143
			TB3-130		B1				
			TB3-131	TT190V11B	A2	2	6	2	AAI143
			TB3-132		B2				
			TB3-133	TT190V11C	A3	3	6	2	AAI143
			TB3-134		B3				
			TB3-135	TT190V12A	A4	4	6	2	AAI143
			TB3-136		B4				
			TB3-137	TT190V12B	A5	5	6	2	AAI143
			TB3-138		B5				
			TB3-139	TT190V13	A6	6	6	2	AAI143
			TB3-140		B6				
			TB3-141	TT190V14A	A7	7	6	2	AAI143
			TB3-142		B7				
			TB3-143	TT190V14B	A8	8	6	2	AAI143
			TB3-144		B8				
			TB3-145	TT190V15A	A9	9	6	2	AAI143
			TB3-146		B9				
			TB3-147	TT190V15B	A10	10	6	2	AAI143
			TB3-148		B10				
			TB3-149	TT190V16	A11	11	6	2	AAI143
			TB3-150		B11				
			TB3-151	TT190V17	A12	12	6	2	AAI143
			TB3-152		B12				
			TB3-153	TT190V18A	A13	13	6	2	AAI143
			TB3-154		B13				
			TB3-155	TT190V18B	A14	14	6	2	AAI143
			TB3-156		B14				
			TB3-157	TT190VCH11A	A15	15	6	2	AAI143
			TB3-158		B15				
			TB3-159	TT190VCH11B	A16	16	6	2	AAI143
			TB3-160		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	44-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	44
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	45

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 1

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB3-161	TT190XC18A1	A1	1	6	3	AAI143
			TB3-162		B1				
			TB3-163	TT190XC18A2	A2	2	6	3	AAI143
			TB3-164		B2				
			TB3-165	TT190XH11	A3	3	6	3	AAI143
			TB3-166		B3				
			TB3-167	TT190XH12	A4	4	6	3	AAI143
			TB3-168		B4				
			TB3-169	PU190D13BAI	A5	5	6	3	AAI143
			TB3-170		B5				
			TB3-171	SPARE	A6	6	6	3	AAI143
			TB3-172		B6				
			TB3-173	SPARE	A7	7	6	3	AAI143
			TB3-174		B7				
			TB3-175	M190D15AAI	A8	8	6	3	AAI143
			TB3-176		B8				
			TB3-177	M190D15BAI	A9	9	6	3	AAI143
			TB3-178		B9				
			TB3-179	M190D15DAI	A10	10	6	3	AAI143
			TB3-180		B10				
			TB3-181	M190D15EAI	A11	11	6	3	AAI143
			TB3-182		B11				
			TB3-183	M190D16AI	A12	12	6	3	AAI143
			TB3-184		B12				
			TB3-185	M190D17AI	A13	13	6	3	AAI143
			TB3-186		B13				
			TB3-187	SPARE	A14	14	6	3	AAI143
			TB3-188		B14				
			TB3-189	SPARE	A15	15	6	3	AAI143
			TB3-190		B15				
			TB3-191	SPARE	A16	16	6	3	AAI143
			TB3-192		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	45-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	45
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	46

YOKOGAWA

Signal Type :		
~~HSC~~	~~RTD~~	
~~AI~~	AO	
~~DI~~	~~DO~~	
~~IS~~	NIS	
HART	NON HART	

Cabinet No :

SOAP & BEADING
DCS PANEL 2

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB4-001	PV190MX13C	A1	1	5	4	AAI543
			TB4-002		B1				
			TB4-003	PU190D13BAO	A2	2	5	4	AAI543
			TB4-004		B2				
			TB4-005	TV190XH11	A3	3	5	4	AAI543
			TB4-006		B3				
			TB4-007	TV190XH12	A4	4	5	4	AAI543
			TB4-008		B4				
			TB4-009	M190D15AAO	A5	5	5	4	AAI543
			TB4-010		B5				
			TB4-011	M190D15BAO	A6	6	5	4	AAI543
			TB4-012		B6				
			TB4-013	M190D15DAO	A7	7	5	4	AAI543
			TB4-014		B7				
			TB4-015	M190D15EAO	A8	8	5	4	AAI543
			TB4-016		B8				
			TB4-017	M190D16AO	A9	9	5	4	AAI543
			TB4-018		B9				
			TB4-019	M190D17AO	A10	10	5	4	AAI543
			TB4-020		B10				
			TB4-021	SPARE	A11	11	5	4	AAI543
			TB4-022		B11				
			TB4-023	SPARE	A12	12	5	4	AAI543
			TB4-024		B12				
			TB4-025	SPARE	A13	13	5	4	AAI543
			TB4-026		B13				
			TB4-027	SPARE	A14	14	5	4	AAI543
			TB4-028		B14				
			TB4-029	SPARE	A15	15	5	4	AAI543
			TB4-030		B15				
			TB4-031	SPARE	A16	16	5	4	AAI543
			TB4-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	46-AO
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	46
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	47

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	AO
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB4-033	VDC-1	A1	1	6	4	AAI543
			TB4-034		B1				
			TB4-035	VDC-3	A2	2	6	4	AAI543
			TB4-036		B2				
			TB4-037	VDC-4	A3	3	6	4	AAI543
			TB4-038		B3				
			TB4-039	VDC-5	A4	4	6	4	AAI543
			TB4-040		B4				
			TB4-041	SPARE	A5	5	6	4	AAI543
			TB4-042		B5				
			TB4-043	PU19104AAO	A6	6	6	4	AAI543
			TB4-044		B6				
			TB4-045	PU19104BAO	A7	7	6	4	AAI543
			TB4-046		B7				
			TB4-047	FN19101AO	A8	8	6	4	AAI543
			TB4-048		B8				
			TB4-049	FN19102AO	A9	9	6	4	AAI543
			TB4-050		B9				
			TB4-051	VDC-2	A10	10	6	4	AAI543
			TB4-052		B10				
			TB4-053	SPARE	A11	11	6	4	AAI543
			TB4-054		B11				
			TB4-055	SPARE	A12	12	6	4	AAI543
			TB4-056		B12				
			TB4-057	SPARE	A13	13	6	4	AAI543
			TB4-058		B13				
			TB4-059	SPARE	A14	14	6	4	AAI543
			TB4-060		B14				
			TB4-061	SPARE	A15	15	6	4	AAI543
			TB4-062		B15				
			TB4-063	SPARE	A16	16	6	4	AAI543
			TB4-064		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	47-AO
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	47
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	48

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	AO
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB4-065	PU190V11AAO	A1	1	7	4	AAI543
			TB4-066		B1				
			TB4-067	PU190V11BAO	A2	2	7	4	AAI543
			TB4-068		B2				
			TB4-069	PU190V12AAO	A3	3	7	4	AAI543
			TB4-070		B3				
			TB4-071	PU190V12BAO	A4	4	7	4	AAI543
			TB4-072		B4				
			TB4-073	PU190V13AAO	A5	5	7	4	AAI543
			TB4-074		B5				
			TB4-075	PU190V13BAO	A6	6	7	4	AAI543
			TB4-076		B6				
			TB4-077	PU190V14AAO	A7	7	7	4	AAI543
			TB4-078		B7				
			TB4-079	PU190V14BAO	A8	8	7	4	AAI543
			TB4-080		B8				
			TB4-081	PU190V15AAO	A9	9	7	4	AAI543
			TB4-082		B9				
			TB4-083	PU190V15BAO	A10	10	7	4	AAI543
			TB4-084		B10				
			TB4-085	PU190V16AO	A11	11	7	4	AAI543
			TB4-086		B11				
			TB4-087	PU190V17AO	A12	12	7	4	AAI543
			TB4-088		B12				
			TB4-089	SPARE	A13	13	7	4	AAI543
			TB4-090		B13				
			TB4-091	SPARE	A14	14	7	4	AAI543
			TB4-092		B14				
			TB4-093	SPARE	A15	15	7	4	AAI543
			TB4-094		B15				
			TB4-095	SPARE	A16	16	7	4	AAI543
			TB4-096		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	48-AO
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	48
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	49

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB5-001	FT-01	A1	1	7	1	AAI143
			TB5-002		B1				
			TB5-003	LIAR03	A2	2	7	1	AAI143
			TB5-004		B2				
			TB5-005	LICAR-01	A3	3	7	1	AAI143
			TB5-006		B3				
			TB5-007	PICAR-03	A4	4	7	1	AAI143
			TB5-008		B4				
			TB5-009	PIR-01	A5	5	7	1	AAI143
			TB5-010		B5				
			TB5-011	PICA04	A6	6	7	1	AAI143
			TB5-012		B6				
			TB5-013	PICA05	A7	7	7	1	AAI143
			TB5-014		B7				
			TB5-015	PIR-02	A8	8	7	1	AAI143
			TB5-016		B8				
			TB5-017	PU19104AAI	A9	9	7	1	AAI143
			TB5-018		B9				
			TB5-019	PU19104BAI	A10	10	7	1	AAI143
			TB5-020		B10				
			TB5-021	FN19101AI	A11	11	7	1	AAI143
			TB5-022		B11				
			TB5-023	FN19102AI	A12	12	7	1	AAI143
			TB5-024		B12				
			TB5-025	MT19101	A13	13	7	1	AAI143
			TB5-026		B13				
			TB5-027	MT19102	A14	14	7	1	AAI143
			TB5-028		B14				
			TB5-029	SPARE	A15	15	7	1	AAI143
			TB5-030		B15				
			TB5-031	SPARE	A16	16	7	1	AAI143
			TB5-032		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	49-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	49
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	50

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB5-033	TIR-04	A1	1	7	2	AAI143
			TB5-034		B1				
			TB5-035	TIR-13	A2	2	7	2	AAI143
			TB5-036		B2				
			TB5-037	TIR-05	A3	3	7	2	AAI143
			TB5-038		B3				
			TB5-039	TIR-10	A4	4	7	2	AAI143
			TB5-040		B4				
			TB5-041	TIR-11	A5	5	7	2	AAI143
			TB5-042		B5				
			TB5-043	TIR-01	A6	6	7	2	AAI143
			TB5-044		B6				
			TB5-045	TICAR-03	A7	7	7	2	AAI143
			TB5-046		B7				
			TB5-047	TICAR-02	A8	8	7	2	AAI143
			TB5-048		B8				
			TB5-049	TIR-12	A9	9	7	2	AAI143
			TB5-050		B9				
			TB5-051	TI14	A10	10	7	2	AAI143
			TB5-052		B10				
			TB5-053	SPARE	A11	11	7	2	AAI143
			TB5-054		B11				
			TB5-055	SPARE	A12	12	7	2	AAI143
			TB5-056		B12				
			TB5-057	TIR-06	A13	13	7	2	AAI143
			TB5-058		B13				
			TB5-059	TIR-07	A14	14	7	2	AAI143
			TB5-060		B14				
			TB5-061	TIR-08	A15	15	7	2	AAI143
			TB5-062		B15				
			TB5-063	TIR-09	A16	16	7	2	AAI143
			TB5-064		B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	50-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	50
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	51

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
AI	~~AO~~
~~DI~~	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
	TB5-065	TB6-01		LT903201	A1	1	7	3	AAI143
	TB5-066	TB6-02			B1				
	TB5-067	TB6-03		LT903202	A2	2	7	3	AAI143
	TB5-068	TB6-04			B2				
	TB5-069	TB6-05		LT903301	A3	3	7	3	AAI143
	TB5-070	TB6-06			B3				
	TB5-071	TB6-07		LT903302	A4	4	7	3	AAI143
	TB5-072	TB6-08			B4				
	TB5-073	TB6-09		SPARE	A5	5	7	3	AAI143
	TB5-074	TB6-10			B5				
	TB5-075	TB6-11		TT903201	A6	6	7	3	AAI143
	TB5-076	TB6-12			B6				
	TB5-077	TB6-13		TT903202	A7	7	7	3	AAI143
	TB5-078	TB6-14			B7				
	TB5-079	TB6-15		TT903301	A8	8	7	3	AAI143
	TB5-080	TB6-16			B8				
	TB5-081	TB6-17		TT903302	A9	9	7	3	AAI143
	TB5-082	TB6-18			B9				
	TB5-083	TB6-19		PU190V11AAI	A10	10	7	3	AAI143
	TB5-084	TB6-20			B10				
	TB5-085	TB6-21		PU190V11BAI	A11	11	7	3	AAI143
	TB5-086	TB6-22			B11				
	TB5-087	TB6-23		PU190V12AAI	A12	12	7	3	AAI143
	TB5-088	TB6-24			B12				
	TB5-089	TB6-25		PU190V12BAI	A13	13	7	3	AAI143
	TB5-090	TB6-26			B13				
	TB5-091	TB6-27		PU190V13AAI	A14	14	7	3	AAI143
	TB5-092	TB6-28			B14				
	TB5-093	TB6-29		PU190V13BAI	A15	15	7	3	AAI143
	TB5-094	TB6-30			B15				
	TB5-095	TB6-31		SPARE	A16	16	7	3	AAI143
	TB5-096	TB6-32			B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	51-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	51
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	52

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

MCB3-9
0VDC-9 24VDC-9

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB6-001	SPARE	A1	1	7	5	ADV151
			TB6-002		A17				
			TB6-003	SPARE	A2	2	7	5	ADV151
			TB6-004		A17				
			TB6-005	P-1-1STI	A3	3	7	5	ADV151
			TB6-006		A17				
			TB6-007	P-1-1TRI	A4	4	7	5	ADV151
			TB6-008		A17				
			TB6-009	P-1-1FF	A5	5	7	5	ADV151
			TB6-010		A17				
			TB6-011	P-1-2STI	A6	6	7	5	ADV151
			TB6-012		A17				
			TB6-013	P-1-2TRI	A7	7	7	5	ADV151
			TB6-014		A17				
			TB6-015	P-1-2FF	A8	8	7	5	ADV151
			TB6-016		A17				
			TB6-017	P-2-1STI	A9	9	7	5	ADV151
			TB6-018		A17				
			TB6-019	P-2-1TRI	A10	10	7	5	ADV151
			TB6-020		A17				
			TB6-021	P-2-2STI	A11	11	7	5	ADV151
			TB6-022		A17				
			TB6-023	P-2-2TRI	A12	12	7	5	ADV151
			TB6-024		A17				
			TB6-025	SPARE	A13	13	7	5	ADV151
			TB6-026		A17				
			TB6-027	SPARE	A14	14	7	5	ADV151
			TB6-028		A17				
			TB6-029	PU903201STI	A15	15	7	5	ADV151
			TB6-030		A17				
			TB6-031	PU903201TRI	A16	16	7	5	ADV151
			TB6-032		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	52-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	52
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	53

YOKOGAWA

Signal Type :		Cabinet No :		
~~HSC~~	~~RTD~~	SOAP & BEADING		FCU-0101
~~AI~~	~~AO~~	DCS PANEL 2		
DI	~~DO~~			
~~IS~~	NIS	MCB3-9		SYSTEM I/O
HART	NON HART	0VDC-9	24VDC-9	

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB6-033	PU903301STI	B1	17	7	5	ADV151
			TB6-034		B17				
			TB6-035	PU903301TRI	B2	18	7	5	ADV151
			TB6-036		B17				
			TB6-037	PU903302STI	B3	19	7	5	ADV151
			TB6-038		B17				
			TB6-039	PU903302TRI	B4	20	7	5	ADV151
			TB6-040		B17				
			TB6-041	SPARE	B5	21	7	5	ADV151
			TB6-042		B17				
			TB6-043	SPARE	B6	22	7	5	ADV151
			TB6-044		B17				
			TB6-045	SPARE	B7	23	7	5	ADV151
			TB6-046		B17				
			TB6-047	SPARE	B8	24	7	5	ADV151
			TB6-048		B17				
			TB6-049	VJ-11OI	B9	25	7	5	ADV151
			TB6-050		B17				
			TB6-051	VJ-12OI	B10	26	7	5	ADV151
			TB6-052		B17				
			TB6-053	SPARE	B11	27	7	5	ADV151
			TB6-054		B17				
			TB6-055	SPARE	B12	28	7	5	ADV151
			TB6-056		B17				
			TB6-057	SPARE	B13	29	7	5	ADV151
			TB6-058		B17				
			TB6-059	SPARE	B14	30	7	5	ADV151
			TB6-060		B17				
			TB6-061	SPARE	B15	31	7	5	ADV151
			TB6-062		B17				
			TB6-063	SPARE	B16	32	7	5	ADV151
			TB6-064		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	53-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	53
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	54

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

MCB3-10
0VDC-10 24VDC-10

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB6-065	SV19101DS01OI	A1	1	7	6	ADV151
			TB6-066		A17				
			TB6-067	SV19101DS01CI	A2	2	7	6	ADV151
			TB6-068		A17				
			TB6-069	SV19101HA00OI	A3	3	7	6	ADV151
			TB6-070		A17				
			TB6-071	SV19101HA00CI	A4	4	7	6	ADV151
			TB6-072		A17				
			TB6-073	SV19101JS01OI	A5	5	7	6	ADV151
			TB6-074		A17				
			TB6-075	SV19101JS01CI	A6	6	7	6	ADV151
			TB6-076		A17				
			TB6-077	SV19101N00OI	A7	7	7	6	ADV151
			TB6-078		A17				
			TB6-079	SV19101N00CI	A8	8	7	6	ADV151
			TB6-080		A17				
			TB6-081	SC01OI	A9	9	7	6	ADV151
			TB6-082		A17				
			TB6-083	SC01CI	A10	10	7	6	ADV151
			TB6-084		A17				
			TB6-085	SC02OI	A11	11	7	6	ADV151
			TB6-086		A17				
			TB6-087	SC02CI	A12	12	7	6	ADV151
			TB6-088		A17				
			TB6-089	SPARE	A13	13	7	6	ADV151
			TB6-090		A17				
			TB6-091	SPARE	A14	14	7	6	ADV151
			TB6-092		A17				
			TB6-093	VJC07OI	A15	15	7	6	ADV151
			TB6-094		A17				
			TB6-095	VJC07CI	A16	16	7	6	ADV151
			TB6-096		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	54-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	54
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	55

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

MCB3-10
0VDC-10 24VDC-10

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB6-097	VJC01OI	B1	17	7	6	ADV151
			TB6-098		B17				
			TB6-099	VJC01CI	B2	18	7	6	ADV151
			TB6-100		B17				
			TB6-101	VJC02OI	B3	19	7	6	ADV151
			TB6-102		B17				
			TB6-103	VJC02CI	B4	20	7	6	ADV151
			TB6-104		B17				
			TB6-105	VJC03OI	B5	21	7	6	ADV151
			TB6-106		B17				
			TB6-107	VJC03CI	B6	22	7	6	ADV151
			TB6-108		B17				
			TB6-109	VJC04OI	B7	23	7	6	ADV151
			TB6-110		B17				
			TB6-111	VJC04CI	B8	24	7	6	ADV151
			TB6-112		B17				
			TB6-113	VJC05OI	B9	25	7	6	ADV151
			TB6-114		B17				
			TB6-115	VJC05CI	B10	26	7	6	ADV151
			TB6-116		B17				
			TB6-117	SV191HA01OI	B11	27	7	6	ADV151
			TB6-118		B17				
			TB6-119	SV191HA01CI	B12	28	7	6	ADV151
			TB6-120		B17				
			TB6-121	SV191HA02OI	B13	29	7	6	ADV151
			TB6-122		B17				
			TB6-123	SV191HA02CI	B14	30	7	6	ADV151
			TB6-124		B17				
			TB6-125	SV191HA03OI	B15	31	7	6	ADV151
			TB6-126		B17				
			TB6-127	SV191HA03CI	B16	32	7	6	ADV151
			TB6-128		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	55-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	55
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	56

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

MCB3-11
0VDC-11 24VDC-11

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB6-129	SVA01OI	A1	1	7	7	ADV151
			TB6-130		A17				
			TB6-131	SVA01CI	A2	2	7	7	ADV151
			TB6-132		A17				
			TB6-133	SVA02OI	A3	3	7	7	ADV151
			TB6-134		A17				
			TB6-135	SVA02CI	A4	4	7	7	ADV151
			TB6-136		A17				
			TB6-137	SVA03OI	A5	5	7	7	ADV151
			TB6-138		A17				
			TB6-139	SVA03CI	A6	6	7	7	ADV151
			TB6-140		A17				
			TB6-141	SVA04OI	A7	7	7	7	ADV151
			TB6-142		A17				
			TB6-143	SVA04CI	A8	8	7	7	ADV151
			TB6-144		A17				
			TB6-145	SVA05OI	A9	9	7	7	ADV151
			TB6-146		A17				
			TB6-147	SVA05CI	A10	10	7	7	ADV151
			TB6-148		A17				
			TB6-149	SVA06OI	A11	11	7	7	ADV151
			TB6-150		A17				
			TB6-151	SVA06CI	A12	12	7	7	ADV151
			TB6-152		A17				
			TB6-153	SVA07OI	A13	13	7	7	ADV151
			TB6-154		A17				
			TB6-155	SVA07CI	A14	14	7	7	ADV151
			TB6-156		A17				
			TB6-157	SVA08OI	A15	15	7	7	ADV151
			TB6-158		A17				
			TB6-159	SVA08CI	A16	16	7	7	ADV151
			TB6-160		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	56-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	56
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	57

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 2

MCB3-11
0VDC-11 24VDC-11

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB6-161	SVA09OI	B1	17	7	7	ADV151
			TB6-162		B17				
			TB6-163	SVA09CI	B2	18	7	7	ADV151
			TB6-164		B17				
			TB6-165	SVA10OI	B3	19	7	7	ADV151
			TB6-166		B17				
			TB6-167	SVA10CI	B4	20	7	7	ADV151
			TB6-168		B17				
			TB6-169	SVA11OI	B5	21	7	7	ADV151
			TB6-170		B17				
			TB6-171	SVA11CI	B6	22	7	7	ADV151
			TB6-172		B17				
			TB6-173	SVA12OI	B7	23	7	7	ADV151
			TB6-174		B17				
			TB6-175	SVA12CI	B8	24	7	7	ADV151
			TB6-176		B17				
			TB6-177	SVS19101OI	B9	25	7	7	ADV151
			TB6-178		B17				
			TB6-179	SVS19101CI	B10	26	7	7	ADV151
			TB6-180		B17				
			TB6-181	SVS19102OI	B11	27	7	7	ADV151
			TB6-182		B17				
			TB6-183	SVS19102CI	B12	28	7	7	ADV151
			TB6-184		B17				
			TB6-185	SVS19103OI	B13	29	7	7	ADV151
			TB6-186		B17				
			TB6-187	SVS19103CI	B14	30	7	7	ADV151
			TB6-188		B17				
			TB6-189	SV19101CI	B15	31	7	7	ADV151
			TB6-190		B17				
			TB6-191	SPARE	B16	32	7	7	ADV151
			TB6-192		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	57-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	57
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	58

YOKOGAWA

Signal Type :		Cabinet No :	
~~HSC~~	~~RTD~~	SOAP & BEADING DCS PANEL 2	FCU-0101
~~AI~~	~~AO~~		
DI	~~DO~~		
~~IS~~	NIS		
HART	NON HART	MCB3-12 0VDC-12 24VDC-12	SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB6-193	SV191N01OI	A1	1	7	8	ADV151
			TB6-194		A17				
			TB6-195	SV191N01CI	A2	2	7	8	ADV151
			TB6-196		A17				
			TB6-197	SV191N02OI	A3	3	7	8	ADV151
			TB6-198		A17				
			TB6-199	SV191N02CI	A4	4	7	8	ADV151
			TB6-200		A17				
			TB6-201	SV191N03OI	A5	5	7	8	ADV151
			TB6-202		A17				
			TB6-203	SV191N03CI	A6	6	7	8	ADV151
			TB6-204		A17				
			TB6-205	SVW01OI	A7	7	7	8	ADV151
			TB6-206		A17				
			TB6-207	SVW01CI	A8	8	7	8	ADV151
			TB6-208		A17				
			TB6-209	SVW02OI	A9	9	7	8	ADV151
			TB6-210		A17				
			TB6-211	SVW02CI	A10	10	7	8	ADV151
			TB6-212		A17				
			TB6-213	SVW03OI	A11	11	7	8	ADV151
			TB6-214		A17				
			TB6-215	SVW03CI	A12	12	7	8	ADV151
			TB6-216		A17				
			TB6-217	SVW04OI	A13	13	7	8	ADV151
			TB6-218		A17				
			TB6-219	SVW04CI	A14	14	7	8	ADV151
			TB6-220		A17				
			TB6-221	SVW05OI	A15	15	7	8	ADV151
			TB6-222		A17				
			TB6-223	SVW05CI	A16	16	7	8	ADV151
			TB6-224		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	58-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	58
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	59

YOKOGAWA

Signal Type :		Cabinet No :		
~~HSC~~	~~RTD~~	SOAP & BEADING		FCU-0101
~~AI~~	~~AO~~	DCS PANEL 2		
DI	~~DO~~			
~~IS~~	NIS	MCB3-12		SYSTEM I/O
HART	NON HART	0VDC-12	24VDC-12	

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB6-225	SVW06OI	B1	17	7	8	ADV151
			TB6-226		B17				
			TB6-227	SVW06CI	B2	18	7	8	ADV151
			TB6-228		B17				
			TB6-229	SVW07OI	B3	19	7	8	ADV151
			TB6-230		B17				
			TB6-231	SVW07CI	B4	20	7	8	ADV151
			TB6-232		B17				
			TB6-233	SVW08OI	B5	21	7	8	ADV151
			TB6-234		B17				
			TB6-235	SVW08CI	B6	22	7	8	ADV151
			TB6-236		B17				
			TB6-237	SVW09OI	B7	23	7	8	ADV151
			TB6-238		B17				
			TB6-239	SVW09CI	B8	24	7	8	ADV151
			TB6-240		B17				
			TB6-241	SVW10OI	B9	25	7	8	ADV151
			TB6-242		B17				
			TB6-243	SVW10CI	B10	26	7	8	ADV151
			TB6-244		B17				
			TB6-245	SVW11OI	B11	27	7	8	ADV151
			TB6-246		B17				
			TB6-247	SVW11CI	B12	28	7	8	ADV151
			TB6-248		B17				
			TB6-249	SVW12OI	B13	29	7	8	ADV151
			TB6-250		B17				
			TB6-251	SVW12CI	B14	30	7	8	ADV151
			TB6-252		B17				
			TB6-253	SPARE	B15	31	7	8	ADV151
			TB6-254		B17				
			TB6-255	SPARE	B16	32	7	8	ADV151
			TB6-256		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	59-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	59
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	60

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

MCB3-13
0VDC-13 24VDC-13

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB7-001	LAH19101S	A1	1	8	1	ADV151
			TB7-002		A17				
			TB7-003	SPARE	A2	2	8	1	ADV151
			TB7-004		A17				
			TB7-005	SPARE	A3	3	8	1	ADV151
			TB7-006		A17				
			TB7-007	LCA-02S	A4	4	8	1	ADV151
			TB7-008		A17				
			TB7-009	FASREM	A5	5	8	1	ADV151
			TB7-010		A17				
			TB7-011	OFF1	A6	6	8	1	ADV151
			TB7-012		A17				
			TB7-013	STE1	A7	7	8	1	ADV151
			TB7-014		A17				
			TB7-015	FAT1	A8	8	8	1	ADV151
			TB7-016		A17				
			TB7-017	AIR1	A9	9	8	1	ADV151
			TB7-018		A17				
			TB7-019	OFF2	A10	10	8	1	ADV151
			TB7-020		A17				
			TB7-021	STE2	A11	11	8	1	ADV151
			TB7-022		A17				
			TB7-023	FAT2	A12	12	8	1	ADV151
			TB7-024		A17				
			TB7-025	AIR2	A13	13	8	1	ADV151
			TB7-026		A17				
			TB7-027	OFF3	A14	14	8	1	ADV151
			TB7-028		A17				
			TB7-029	STE3	A15	15	8	1	ADV151
			TB7-030		A17				
			TB7-031	FAT3	A16	16	8	1	ADV151
			TB7-032		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	60-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	60
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	61

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

MCB3-13
0VDC-13 24VDC-13

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB7-033	AIR3	B1	17	8	1	ADV151
			TB7-034		B17				
			TB7-035	191-25KG	B2	18	8	1	ADV151
			TB7-036		B17				
			TB7-037	191-JUMBO	B3	19	8	1	ADV151
			TB7-038		B17				
			TB7-039	DS01STR	B4	20	8	1	ADV151
			TB7-040		B17				
			TB7-041	DS01STP	B5	21	8	1	ADV151
			TB7-042		B17				
			TB7-043	JS01STR	B6	22	8	1	ADV151
			TB7-044		B17				
			TB7-045	JS01STP	B7	23	8	1	ADV151
			TB7-046		B17				
			TB7-047	HA00STR	B8	24	8	1	ADV151
			TB7-048		B17				
			TB7-049	HA00STP	B9	25	8	1	ADV151
			TB7-050		B17				
			TB7-051	N00STR	B10	26	8	1	ADV151
			TB7-052		B17				
			TB7-053	N00STP	B11	27	8	1	ADV151
			TB7-054		B17				
			TB7-055	SC01STR	B12	28	8	1	ADV151
			TB7-056		B17				
			TB7-057	SC01STP	B13	29	8	1	ADV151
			TB7-058		B17				
			TB7-059	LAHS01	B14	30	8	1	ADV151
			TB7-060		B17				
			TB7-061	LALS01	B15	31	8	1	ADV151
			TB7-062		B17				
			TB7-063	SPARE	B16	32	8	1	ADV151
			TB7-064		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	61-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	61
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	62

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

MCB3-14
0VDC-14 24VDC-14

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB7-065	SNBUPS-FAIL	A1	1	8	2	ADV151
			TB7-066		A17				
			TB7-067	SNBUPS-BPASS	A2	2	8	2	ADV151
			TB7-068		A17				
			TB7-069	SNBUPS-LOSS	A3	3	8	2	ADV151
			TB7-070		A17				
			TB7-071	SPARE	A4	4	8	2	ADV151
			TB7-072		A17				
			TB7-073	SPARE	A5	5	8	2	ADV151
			TB7-074		A17				
			TB7-075	SPARE	A6	6	8	2	ADV151
			TB7-076		A17				
			TB7-077	SPARE	A7	7	8	2	ADV151
			TB7-078		A17				
			TB7-079	SPARE	A8	8	8	2	ADV151
			TB7-080		A17				
			TB7-081	SPARE	A9	9	8	2	ADV151
			TB7-082		A17				
			TB7-083	SPARE	A10	10	8	2	ADV151
			TB7-084		A17				
			TB7-085	SPARE	A11	11	8	2	ADV151
			TB7-086		A17				
			TB7-087	SPARE	A12	12	8	2	ADV151
			TB7-088		A17				
			TB7-089	SPARE	A13	13	8	2	ADV151
			TB7-090		A17				
			TB7-091	SPARE	A14	14	8	2	ADV151
			TB7-092		A17				
			TB7-093	SPARE	A15	15	8	2	ADV151
			TB7-094		A17				
			TB7-095	SPARE	A16	16	8	2	ADV151
			TB7-096		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	62-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	62
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	63

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

MCB3-14
0VDC-14 24VDC-14

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB7-097	SPARE	B1	17	8	2	ADV151
			TB7-098		B17				
			TB7-099	SPARE	B2	18	8	2	ADV151
			TB7-100		B17				
			TB7-101	SPARE	B3	19	8	2	ADV151
			TB7-102		B17				
			TB7-103	SPARE	B4	20	8	2	ADV151
			TB7-104		B17				
			TB7-105	SPARE	B5	21	8	2	ADV151
			TB7-106		B17				
			TB7-107	SPARE	B6	22	8	2	ADV151
			TB7-108		B17				
			TB7-109	SPARE	B7	23	8	2	ADV151
			TB7-110		B17				
			TB7-111	SPARE	B8	24	8	2	ADV151
			TB7-112		B17				
			TB7-113	SPARE	B9	25	8	2	ADV151
			TB7-114		B17				
			TB7-115	SPARE	B10	26	8	2	ADV151
			TB7-116		B17				
			TB7-117	SPARE	B11	27	8	2	ADV151
			TB7-118		B17				
			TB7-119	SPARE	B12	28	8	2	ADV151
			TB7-120		B17				
			TB7-121	SPARE	B13	29	8	2	ADV151
			TB7-122		B17				
			TB7-123	SPARE	B14	30	8	2	ADV151
			TB7-124		B17				
			TB7-125	SPARE	B15	31	8	2	ADV151
			TB7-126		B17				
			TB7-127	SPARE	B16	32	8	2	ADV151
			TB7-128		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	63-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	63
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	64

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

MCB3-15

0VDC-15 24VDC-15

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB7-129	SPARE	A1	1	8	3	ADV151
			TB7-130		A17				
			TB7-131	SPARE	A2	2	8	3	ADV151
			TB7-132		A17				
			TB7-133	SPARE	A3	3	8	3	ADV151
			TB7-134		A17				
			TB7-135	SPARE	A4	4	8	3	ADV151
			TB7-136		A17				
			TB7-137	SPARE	A5	5	8	3	ADV151
			TB7-138		A17				
			TB7-139	SPARE	A6	6	8	3	ADV151
			TB7-140		A17				
			TB7-141	SPARE	A7	7	8	3	ADV151
			TB7-142		A17				
			TB7-143	SPARE	A8	8	8	3	ADV151
			TB7-144		A17				
			TB7-145	SPARE	A9	9	8	3	ADV151
			TB7-146		A17				
			TB7-147	SPARE	A10	10	8	3	ADV151
			TB7-148		A17				
			TB7-149	SPARE	A11	11	8	3	ADV151
			TB7-150		A17				
			TB7-151	SPARE	A12	12	8	3	ADV151
			TB7-152		A17				
			TB7-153	SPARE	A13	13	8	3	ADV151
			TB7-154		A17				
			TB7-155	SPARE	A14	14	8	3	ADV151
			TB7-156		A17				
			TB7-157	SPARE	A15	15	8	3	ADV151
			TB7-158		A17				
			TB7-159	SPARE	A16	16	8	3	ADV151
			TB7-160		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	64-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	64
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	65

YOKOGAWA

Signal Type :		Cabinet No :		
~~HSC~~	~~RTD~~	SOAP & BEADING		FCU-0101
~~AI~~	~~AO~~	DCS PANEL 3		
DI	~~DO~~			
~~IS~~	NIS	MCB3-15		SYSTEM I/O
HART	NON HART	0VDC-15	24VDC-15	

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB7-161	SPARE	B1	17	8	3	ADV151
			TB7-162		B17				
			TB7-163	SPARE	B2	18	8	3	ADV151
			TB7-164		B17				
			TB7-165	SPARE	B3	19	8	3	ADV151
			TB7-166		B17				
			TB7-167	SPARE	B4	20	8	3	ADV151
			TB7-168		B17				
			TB7-169	SPARE	B5	21	8	3	ADV151
			TB7-170		B17				
			TB7-171	SPARE	B6	22	8	3	ADV151
			TB7-172		B17				
			TB7-173	SPARE	B7	23	8	3	ADV151
			TB7-174		B17				
			TB7-175	SPARE	B8	24	8	3	ADV151
			TB7-176		B17				
			TB7-177	SPARE	B9	25	8	3	ADV151
			TB7-178		B17				
			TB7-179	SPARE	B10	26	8	3	ADV151
			TB7-180		B17				
			TB7-181	SPARE	B11	27	8	3	ADV151
			TB7-182		B17				
			TB7-183	SPARE	B12	28	8	3	ADV151
			TB7-184		B17				
			TB7-185	SPARE	B13	29	8	3	ADV151
			TB7-186		B17				
			TB7-187	SPARE	B14	30	8	3	ADV151
			TB7-188		B17				
			TB7-189	SPARE	B15	31	8	3	ADV151
			TB7-190		B17				
			TB7-191	SPARE	B16	32	8	3	ADV151
			TB7-192		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	65-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	65
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	66

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

FCU-0101

SYSTEM I/O

MCB3-19 OVDC-19 24VDC-19

MCB3-26 24VDC-26 OVDC-26

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB8-001	14	R1-1	A2	AG190D14O	A1	1	8	4	ADV551
			TB8-002	11		A1						
			TB8-003	14	R1-2	A2	AG190D15O	A2	2	8	4	ADV551
			TB8-004	11		A1						
			TB8-005	14	R1-3	A2	AG190V11AO	A3	3	8	4	ADV551
			TB8-006	11		A1						
			TB8-007	14	R1-4	A2	AG190V11BO	A4	4	8	4	ADV551
			TB8-008	11		A1						
			TB8-009	14	R1-5	A2	AG190V11CO	A5	5	8	4	ADV551
			TB8-010	11		A1						
			TB8-011	14	R1-6	A2	AG190V12AO	A6	6	8	4	ADV551
			TB8-012	11		A1						
			TB8-013	14	R1-7	A2	AG190V12BO	A7	7	8	4	ADV551
			TB8-014	11		A1						
			TB8-015	14	R1-8	A2	AG190V14AO	A8	8	8	4	ADV551
			TB8-016	11		A1						
			TB8-017	14	R1-9	A2	AG190V14BO	A9	9	8	4	ADV551
			TB8-018	11		A1						
			TB8-019	14	R1-10	A2	AG190V15AO	A10	10	8	4	ADV551
			TB8-020	11		A1						
			TB8-021	14	R1-11	A2	AG190V15BO	A11	11	8	4	ADV551
			TB8-022	11		A1						
			TB8-023	14	R1-12	A2	AG190V16O	A12	12	8	4	ADV551
			TB8-024	11		A1						
			TB8-025	14	R1-13	A2	AG190V17O	A13	13	8	4	ADV551
			TB8-026	11		A1						
			TB8-027	14	R1-14	A2	FN190CT11AO	A14	14	8	4	ADV551
			TB8-028	11		A1						
			TB8-029	14	R1-15	A2	FN190CT11BO	A15	15	8	4	ADV551
			TB8-030	11		A1						
			TB8-031	14	R1-16	A2	FN190CT11CO	A16	16	8	4	ADV551
			TB8-032	11		A1						
								A17	-	8	4	ADV551
								A18	+			

GENERAL DESCRIPTION	DR.	DATE	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	66-DO
	CH. HARINAH	DATE 01/07/09							TITLE SOAP & BEADING	SHT NO 66
FILENAME SOAP&BEADING	APP. JENNY	DATE 01/07/09	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO. WSSB-D32-001	CONT NO 67

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

FCU-0101

SYSTEM I/O

MCB3-19 OVDC-19 24VDC-19

MCB3-26 24VDC-26 OVDC-26

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB8-033	14	R1-17	A2	M190D15AO	B1	17	8	4	ADV551
			TB8-034	11		A1						
			TB8-035	14	R1-18	A2	M190D15BO	B2	18	8	4	ADV551
			TB8-036	11		A1						
			TB8-037	14	R1-19	A2	SPARE	B3	19	8	4	ADV551
			TB8-038	11		A1						
			TB8-039	14	R1-20	A2	M190D15DO	B4	20	8	4	ADV551
			TB8-040	11		A1						
			TB8-041	14	R1-21	A2	M190D15EO	B5	21	8	4	ADV551
			TB8-042	11		A1						
			TB8-043	14	R1-22	A2	M190D15FO	B6	22	8	4	ADV551
			TB8-044	11		A1						
			TB8-045	14	R1-23	A2	SPARE	B7	23	8	4	ADV551
			TB8-046	11		A1						
			TB8-047	14	R1-24	A2	M190D15GO	B8	24	8	4	ADV551
			TB8-048	11		A1						
			TB8-049	14	R1-25	A2	M190D15HO	B9	25	8	4	ADV551
			TB8-050	11		A1						
			TB8-051	14	R1-26	A2	M190D16O	B10	26	8	4	ADV551
			TB8-052	11		A1						
			TB8-053	14	R1-27	A2	M190D17O	B11	27	8	4	ADV551
			TB8-054	11		A1						
			TB8-055	14	R1-28	A2	M190MX13AO	B12	28	8	4	ADV551
			TB8-056	11		A1						
			TB8-057	14	R1-29	A2	M190MX13CO	B13	29	8	4	ADV551
			TB8-058	11		A1						
			TB8-059	14	R1-30	A2	M190V19AO	B14	30	8	4	ADV551
			TB8-060	11		A1						
			TB8-061	14	R1-31	A2	M190V19BO	B15	31	8	4	ADV551
			TB8-062	11		A1						
			TB8-063	14	R1-32	A2	M190V19O	B16	32	8	4	ADV551
			TB8-064	11		A1						
								B17	-	8	4	ADV551
								B18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	67-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	67
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	68

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

FCU-0101

SYSTEM I/O

MCB3-20 OVDC-20 24VDC-20 | MCB3-27 24VDC-27 OVDC-27

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB8-065	14	R2-1	A2	PU190CH11AO	A1	1	8	5	ADV551
			TB8-066	11		A1						
			TB8-067	14	R2-2	A2	PU190CH11BO	A2	2	8	5	ADV551
			TB8-068	11		A1						
			TB8-069	14	R2-3	A2	PU190CT11AO	A3	3	8	5	ADV551
			TB8-070	11		A1						
			TB8-071	14	R2-4	A2	PU190CT11BO	A4	4	8	5	ADV551
			TB8-072	11		A1						
			TB8-073	14	R2-5	A2	PU190CT11CO	A5	5	8	5	ADV551
			TB8-074	11		A1						
			TB8-075	14	R2-6	A2	PU190D13BO	A6	6	8	5	ADV551
			TB8-076	11		A1						
			TB8-077	14	R2-7	A2	PU190D14O	A7	7	8	5	ADV551
			TB8-078	11		A1						
			TB8-079	14	R2-8	A2	PU190D18AO	A8	8	8	5	ADV551
			TB8-080	11		A1						
			TB8-081	14	R2-9	A2	PU190D18BO	A9	9	8	5	ADV551
			TB8-082	11		A1						
			TB8-083	14	R2-10	A2	PU190V11AO	A10	10	8	5	ADV551
			TB8-084	11		A1						
			TB8-085	14	R2-11	A2	PU190V11BO	A11	11	8	5	ADV551
			TB8-086	11		A1						
			TB8-087	14	R2-12	A2	PU190V11CO	A12	12	8	5	ADV551
			TB8-088	11		A1						
			TB8-089	14	R2-13	A2	PU190V12AO	A13	13	8	5	ADV551
			TB8-090	11		A1						
			TB8-091	14	R2-14	A2	PU190V12BO	A14	14	8	5	ADV551
			TB8-092	11		A1						
			TB8-093	14	R2-15	A2	PU190V12CO	A15	15	8	5	ADV551
			TB8-094	11		A1						
			TB8-095	14	R2-16	A2	PU190V13AO	A16	16	8	5	ADV551
			TB8-096	11		A1						
								A17	-	8	5	ADV551
								A18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	68-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	68
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	69

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

FCU-0101

SYSTEM I/O

MCB3-20 OVDC-20 24VDC-20

MCB3-27 24VDC-27 OVDC-27

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB8-097	14	R2-17	A2	PU190V13BO	B1	17	8	5	ADV551
			TB8-098	11		A1						
			TB8-099	14	R2-18	A2	PU190V13CO	B2	18	8	5	ADV551
			TB8-100	11		A1						
			TB8-101	14	R2-19	A2	PU190V14AO	B3	19	8	5	ADV551
			TB8-102	11		A1						
			TB8-103	14	R2-20	A2	PU190V14BO	B4	20	8	5	ADV551
			TB8-104	11		A1						
			TB8-105	14	R2-21	A2	PU190V15AO	B5	21	8	5	ADV551
			TB8-106	11		A1						
			TB8-107	14	R2-22	A2	PU190V15BO	B6	22	8	5	ADV551
			TB8-108	11		A1						
			TB8-109	14	R2-23	A2	PU190V16O	B7	23	8	5	ADV551
			TB8-110	11		A1						
			TB8-111	14	R2-24	A2	PU190V17O	B8	24	8	5	ADV551
			TB8-112	11		A1						
			TB8-113	14	R2-25	A2	PU190V18O	B9	25	8	5	ADV551
			TB8-114	11		A1						
			TB8-115	14	R2-26	A2	SV190MX13AO	B10	26	8	5	ADV551
			TB8-116	11		A1						
			TB8-117	14	R2-27	A2	SPARE	B11	27	8	5	ADV551
			TB8-118	11		A1						
			TB8-119	14	R2-28	A2	SPARE	B12	28	8	5	ADV551
			TB8-120	11		A1						
			TB8-121	14	R2-29	A2	M190D15IFO	B13	29	8	5	ADV551
			TB8-122	11		A1						
			TB8-123	14	R2-30	A2	M190D15IBO	B14	30	8	5	ADV551
			TB8-124	11		A1						
			TB8-125	14	R2-31	A2	GF190D16O	B15	31	8	5	ADV551
			TB8-126	11		A1						
			TB8-127	14	R2-32	A2	GF190D17O	B16	32	8	5	ADV551
			TB8-128	11		A1						
								B17	-	8	5	ADV551
								B18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	69-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	69
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	70

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

FCU-0101

SYSTEM I/O

MCB3-21 OVDC-21 24VDC-21

MCB3-28 24VDC-28 OVDC-28

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB8-129	14	R3-1	A2	SV190V11O	A1	1	8	6	ADV551
			TB8-130	11		A1						
			TB8-131	14	R3-2	A2	SV190V12O	A2	2	8	6	ADV551
			TB8-132	11		A1						
			TB8-133	14	R3-3	A2	SV190V13O	A3	3	8	6	ADV551
			TB8-134	11		A1						
			TB8-135	14	R3-4	A2	SV190V14O	A4	4	8	6	ADV551
			TB8-136	11		A1						
			TB8-137	14	R3-5	A2	SV190V15O	A5	5	8	6	ADV551
			TB8-138	11		A1						
			TB8-139	14	R3-6	A2	SV190V16O	A6	6	8	6	ADV551
			TB8-140	11		A1						
			TB8-141	14	R3-7	A2	SV190V17O	A7	7	8	6	ADV551
			TB8-142	11		A1						
			TB8-143	14	R3-8	A2	SPARE	A8	8	8	6	ADV551
			TB8-144	11		A1						
			TB8-145	14	R3-9	A2	F190D15AO	A9	9	8	6	ADV551
			TB8-146	11		A1						
			TB8-147	14	R3-10	A2	F190D15BO	A10	10	8	6	ADV551
			TB8-148	11		A1						
			TB8-149	14	R3-11	A2	SV190D15O	A11	11	8	6	ADV551
			TB8-150	11		A1						
			TB8-151	14	R3-12	A2	SPARE	A12	12	8	6	ADV551
			TB8-152	11		A1						
			TB8-153	14	R3-13	A2	SPARE	A13	13	8	6	ADV551
			TB8-154	11		A1						
			TB8-155	14	R3-14	A2	SPARE	A14	14	8	6	ADV551
			TB8-156	11		A1						
			TB8-157	14	R3-15	A2	SPARE	A15	15	8	6	ADV551
			TB8-158	11		A1						
			TB8-159	14	R3-16	A2	SPARE	A16	16	8	6	ADV551
			TB8-160	11		A1						
								A17	-	8	6	ADV551
								A18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	70-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	70
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	71

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 3

FCU-0101

SYSTEM I/O

MCB3-21 OVDC-21 24VDC-21

MCB3-28 24VDC-28 OVDC-28

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB8-161	14	R3-17	A2	SPARE	B1	17	8	6	ADV551
			TB8-162	11		A1						
			TB8-163	14	R3-18	A2	SPARE	B2	18	8	6	ADV551
			TB8-164	11		A1						
			TB8-165	14	R3-19	A2	SPARE	B3	19	8	6	ADV551
			TB8-166	11		A1						
			TB8-167	14	R3-20	A2	SPARE	B4	20	8	6	ADV551
			TB8-168	11		A1						
			TB8-169	14	R3-21	A2	SPARE	B5	21	8	6	ADV551
			TB8-170	11		A1						
			TB8-171	14	R3-22	A2	SPARE	B6	22	8	6	ADV551
			TB8-172	11		A1						
			TB8-173	14	R3-23	A2	SPARE	B7	23	8	6	ADV551
			TB8-174	11		A1						
			TB8-175	14	R3-24	A2	SPARE	B8	24	8	6	ADV551
			TB8-176	11		A1						
			TB8-177	14	R3-25	A2	SPARE	B9	25	8	6	ADV551
			TB8-178	11		A1						
			TB8-179	14	R3-26	A2	SPARE	B10	26	8	6	ADV551
			TB8-180	11		A1						
			TB8-181	14	R3-27	A2	SPARE	B11	27	8	6	ADV551
			TB8-182	11		A1						
			TB8-183	14	R3-28	A2	SPARE	B12	28	8	6	ADV551
			TB8-184	11		A1						
			TB8-185	14	R3-29	A2	SPARE	B13	29	8	6	ADV551
			TB8-186	11		A1						
			TB8-187	14	R3-30	A2	SPARE	B14	30	8	6	ADV551
			TB8-188	11		A1						
			TB8-189	14	R3-31	A2	SPARE	B15	31	8	6	ADV551
			TB8-190	11		A1						
			TB8-191	14	R3-32	A2	SPARE	B16	32	8	6	ADV551
			TB8-192	11		A1						
								B17	-	8	6	ADV551
								B18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	71-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	71
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	72

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

FCU-0101

SYSTEM I/O

MCB3-22 OVDC-22 24VDC-22

MCB3-29 24VDC-29 OVDC-29

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB9-001	14	R4-1	A2	SPARE	A1	1	8	7	ADV551
			TB9-002	11		A1						
			TB9-003	14	R4-2	A2	AG903201O	A2	2	8	7	ADV551
			TB9-004	11		A1						
			TB9-005	14	R4-3	A2	AG903202O	A3	3	8	7	ADV551
			TB9-006	11		A1						
			TB9-007	14	R4-4	A2	AG903301O	A4	4	8	7	ADV551
			TB9-008	11		A1						
			TB9-009	14	R4-5	A2	F1O	A5	5	8	7	ADV551
			TB9-010	11		A1						
			TB9-011	14	R4-6	A2	F2O	A6	6	8	7	ADV551
			TB9-012	11		A1						
			TB9-013	14	R4-7	A2	P-2-2O	A7	7	8	7	ADV551
			TB9-014	11		A1						
			TB9-015	14	R4-8	A2	P-1-1O	A8	8	8	7	ADV551
			TB9-016	11		A1						
			TB9-017	14	R4-9	A2	P-1-2O	A9	9	8	7	ADV551
			TB9-018	11		A1						
			TB9-019	14	R4-10	A2	P-2-1O	A10	10	8	7	ADV551
			TB9-020	11		A1						
			TB9-021	14	R4-11	A2	SPARE	A11	11	8	7	ADV551
			TB9-022	11		A1						
			TB9-023	14	R4-12	A2	PU903201O	A12	12	8	7	ADV551
			TB9-024	11		A1						
			TB9-025	14	R4-13	A2	SPARE	A13	13	8	7	ADV551
			TB9-026	11		A1						
			TB9-027	14	R4-14	A2	PU903302O	A14	14	8	7	ADV551
			TB9-028	11		A1						
			TB9-029	14	R4-15	A2	VM-1O	A15	15	8	7	ADV551
			TB9-030	11		A1						
			TB9-031	14	R4-16	A2	SPARE	A16	16	8	7	ADV551
			TB9-032	11		A1						
								A17	-	8	7	ADV551
								A18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	72-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	72
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	73

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

FCU-0101

SYSTEM I/O

MCB3-22 OVDC-22 24VDC-22

MCB3-29 24VDC-29 OVDC-29

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB9-033	14	R4-17	A2	SPARE	B1	17	8	7	ADV551
			TB9-034	11		A1						
			TB9-035	14	R4-18	A2	AG-MT-4O	B2	18	8	7	ADV551
			TB9-036	11		A1						
			TB9-037	14	R4-19	A2	PU903301O	B3	19	8	7	ADV551
			TB9-038	11		A1						
			TB9-039	14	R4-20	A2	SPARE	B4	20	8	7	ADV551
			TB9-040	11		A1						
			TB9-041	14	R4-21	A2	SPARE	B5	21	8	7	ADV551
			TB9-042	11		A1						
			TB9-043	14	R4-22	A2	SPARE	B6	22	8	7	ADV551
			TB9-044	11		A1						
			TB9-045	14	R4-23	A2	SPARE	B7	23	8	7	ADV551
			TB9-046	11		A1						
			TB9-047	14	R4-24	A2	SPARE	B8	24	8	7	ADV551
			TB9-048	11		A1						
			TB9-049	14	R4-25	A2	SPARE	B9	25	8	7	ADV551
			TB9-050	11		A1						
			TB9-051	14	R4-26	A2	SPARE	B10	26	8	7	ADV551
			TB9-052	11		A1						
			TB9-053	14	R4-27	A2	SPARE	B11	27	8	7	ADV551
			TB9-054	11		A1						
			TB9-055	14	R4-28	A2	SPARE	B12	28	8	7	ADV551
			TB9-056	11		A1						
			TB9-057	14	R4-29	A2	SPARE	B13	29	8	7	ADV551
			TB9-058	11		A1						
			TB9-059	14	R4-30	A2	SPARE	B14	30	8	7	ADV551
			TB9-060	11		A1						
			TB9-061	14	R4-31	A2	SPARE	B15	31	8	7	ADV551
			TB9-062	11		A1						
			TB9-063	14	R4-32	A2	SPARE	B16	32	8	7	ADV551
			TB9-064	11		A1						
								B17	-	8	7	ADV551
								B18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	73-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	73
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	74

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

FCU-0101

SYSTEM I/O

MCB3-23 OVDC-23 24VDC-23

MCB3-30 24VDC-30 OVDC-30

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB9-065	14	R5-1	A2	SV19101DS01O	A1	1	9	4	ADV551
			TB9-066	11		A1						
			TB9-067	14	R5-2	A2	SV19101HA00O	A2	2	9	4	ADV551
			TB9-068	11		A1						
			TB9-069	14	R5-3	A2	SV19101JS01O	A3	3	9	4	ADV551
			TB9-070	11		A1						
			TB9-071	14	R5-4	A2	SV19101N00O	A4	4	9	4	ADV551
			TB9-072	11		A1						
			TB9-073	14	R5-5	A2	SC01O	A5	5	9	4	ADV551
			TB9-074	11		A1						
			TB9-075	14	R5-6	A2	SC02O	A6	6	9	4	ADV551
			TB9-076	11		A1						
			TB9-077	14	R5-7	A2	SPARE	A7	7	9	4	ADV551
			TB9-078	11		A1						
			TB9-079	14	R5-8	A2	VJC07O	A8	8	9	4	ADV551
			TB9-080	11		A1						
			TB9-081	14	R5-9	A2	VJC01O	A9	9	9	4	ADV551
			TB9-082	11		A1						
			TB9-083	14	R5-10	A2	VJC02O	A10	10	9	4	ADV551
			TB9-084	11		A1						
			TB9-085	14	R5-11	A2	VJC03O	A11	11	9	4	ADV551
			TB9-086	11		A1						
			TB9-087	14	R5-12	A2	VJC04O	A12	12	9	4	ADV551
			TB9-088	11		A1						
			TB9-089	14	R5-13	A2	VJC05O	A13	13	9	4	ADV551
			TB9-090	11		A1						
			TB9-091	14	R5-14	A2	SV191HA01O	A14	14	9	4	ADV551
			TB9-092	11		A1						
			TB9-093	14	R5-15	A2	SV191HA02O	A15	15	9	4	ADV551
			TB9-094	11		A1						
			TB9-095	14	R5-16	A2	SV191HA03O	A16	16	9	4	ADV551
			TB9-096	11		A1						
								A17	-	9	4	ADV551
								A18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	74-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	74
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	75

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

FCU-0101

SYSTEM I/O

MCB3-23 OVDC-23 24VDC-23

MCB3-30 24VDC-30 OVDC-30

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB9-097	14	R5-17	A2	SV191N01O	B1	17	9	4	ADV551
			TB9-098	11		A1						
			TB9-099	14	R5-18	A2	SV191N02O	B2	18	9	4	ADV551
			TB9-100	11		A1						
			TB9-101	14	R5-19	A2	SV191N03O	B3	19	9	4	ADV551
			TB9-102	11		A1						
			TB9-103	14	R5-20	A2	VJC06O	B4	20	9	4	ADV551
			TB9-104	11		A1						
			TB9-105	14	R5-21	A2	SPARE	B5	21	9	4	ADV551
			TB9-106	11		A1						
			TB9-107	14	R5-22	A2	SPARE	B6	22	9	4	ADV551
			TB9-108	11		A1						
			TB9-109	14	R5-23	A2	SPARE	B7	23	9	4	ADV551
			TB9-110	11		A1						
			TB9-111	14	R5-24	A2	SPARE	B8	24	9	4	ADV551
			TB9-112	11		A1						
			TB9-113	14	R5-25	A2	SPARE	B9	25	9	4	ADV551
			TB9-114	11		A1						
			TB9-115	14	R5-26	A2	SPARE	B10	26	9	4	ADV551
			TB9-116	11		A1						
			TB9-117	14	R5-27	A2	SPARE	B11	27	9	4	ADV551
			TB9-118	11		A1						
			TB9-119	14	R5-28	A2	SPARE	B12	28	9	4	ADV551
			TB9-120	11		A1						
			TB9-121	14	R5-29	A2	SPARE	B13	29	9	4	ADV551
			TB9-122	11		A1						
			TB9-123	14	R5-30	A2	SPARE	B14	30	9	4	ADV551
			TB9-124	11		A1						
			TB9-125	14	R5-31	A2	SPARE	B15	31	9	4	ADV551
			TB9-126	11		A1						
			TB9-127	14	R5-32	A2	SPARE	B16	32	9	4	ADV551
			TB9-128	11		A1						
								B17	-	9	4	ADV551
								B18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	75-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	75
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	76

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

FCU-0101

SYSTEM I/O

MCB3-24 OVDC-24 24VDC-24 MCB3-31 24VDC-31 OVDC-31

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB10-001	14	R6-1	A2	SVA01O	A1	1	9	5	ADV551
			TB10-002	11		A1						
			TB10-003	14	R6-2	A2	SVA02O	A2	2	9	5	ADV551
			TB10-004	11		A1						
			TB10-005	14	R6-3	A2	SVA03O	A3	3	9	5	ADV551
			TB10-006	11		A1						
			TB10-007	14	R6-4	A2	SVA04O	A4	4	9	5	ADV551
			TB10-008	11		A1						
			TB10-009	14	R6-5	A2	SVA05O	A5	5	9	5	ADV551
			TB10-010	11		A1						
			TB10-011	14	R6-6	A2	SVA06O	A6	6	9	5	ADV551
			TB10-012	11		A1						
			TB10-013	14	R6-7	A2	SVA07O	A7	7	9	5	ADV551
			TB10-014	11		A1						
			TB10-015	14	R6-8	A2	SVA08O	A8	8	9	5	ADV551
			TB10-016	11		A1						
			TB10-017	14	R6-9	A2	SVA09O	A9	9	9	5	ADV551
			TB10-018	11		A1						
			TB10-019	14	R6-10	A2	SVA10O	A10	10	9	5	ADV551
			TB10-020	11		A1						
			TB10-021	14	R6-11	A2	SVA11O	A11	11	9	5	ADV551
			TB10-022	11		A1						
			TB10-023	14	R6-12	A2	SVA12O	A12	12	9	5	ADV551
			TB10-024	11		A1						
			TB10-025	14	R6-13	A2	SVS19101O	A13	13	9	5	ADV551
			TB10-026	11		A1						
			TB10-027	14	R6-14	A2	SVS19102O	A14	14	9	5	ADV551
			TB10-028	11		A1						
			TB10-029	14	R6-15	A2	SVS19103O	A15	15	9	5	ADV551
			TB10-030	11		A1						
			TB10-031	14	R6-16	A2	SVW01O	A16	16	9	5	ADV551
			TB10-032	11		A1						
								A17	-	9	5	ADV551
								A18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	76-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	76
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	77

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

FCU-0101

SYSTEM I/O

MCB3-24 OVDC-24 24VDC-24

MCB3-31 24VDC-31 OVDC-31

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB10-033	14	R6-17	A2	SVW02O	B1	17	9	5	ADV551
			TB10-034	11		A1						
			TB10-035	14	R6-18	A2	SVW03O	B2	18	9	5	ADV551
			TB10-036	11		A1						
			TB10-037	14	R6-19	A2	SVW04O	B3	19	9	5	ADV551
			TB10-038	11		A1						
			TB10-039	14	R6-20	A2	SVW05O	B4	20	9	5	ADV551
			TB10-040	11		A1						
			TB10-041	14	R6-21	A2	SVW06O	B5	21	9	5	ADV551
			TB10-042	11		A1						
			TB10-043	14	R6-22	A2	SVW07O	B6	22	9	5	ADV551
			TB10-044	11		A1						
			TB10-045	14	R6-23	A2	SVW08O	B7	23	9	5	ADV551
			TB10-046	11		A1						
			TB10-047	14	R6-24	A2	SVW09O	B8	24	9	5	ADV551
			TB10-048	11		A1						
			TB10-049	14	R6-25	A2	SVW10O	B9	25	9	5	ADV551
			TB10-050	11		A1						
			TB10-051	14	R6-26	A2	SVW11O	B10	26	9	5	ADV551
			TB10-052	11		A1						
			TB10-053	14	R6-27	A2	SVW12O	B11	27	9	5	ADV551
			TB10-054	11		A1						
			TB10-055	14	R6-28	A2	SPARE	B12	28	9	5	ADV551
			TB10-056	11		A1						
			TB10-057	14	R6-29	A2	SPARE	B13	29	9	5	ADV551
			TB10-058	11		A1						
			TB10-059	14	R6-30	A2	SPARE	B14	30	9	5	ADV551
			TB10-060	11		A1						
			TB10-061	14	R6-31	A2	SPARE	B15	31	9	5	ADV551
			TB10-062	11		A1						
			TB10-063	14	R6-32	A2	SPARE	B16	32	9	5	ADV551
			TB10-064	11		A1						
								B17	-	9	5	ADV551
								B18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	77-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	77
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	78

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

FCU-0101

SYSTEM I/O

MCB3-25 OVDC-25 24VDC-25

MCB3-32 24VDC-32 OVDC-32

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB10-065	14	R7-1	A2	SPARE	A1	1	9	6	ADV551
			TB10-066	11		A1						
			TB10-067	14	R7-2	A2	SPARE	A2	2	9	6	ADV551
			TB10-068	11		A1						
			TB10-069	14	R7-3	A2	SPARE	A3	3	9	6	ADV551
			TB10-070	11		A1						
			TB10-071	14	R7-4	A2	SPARE	A4	4	9	6	ADV551
			TB10-072	11		A1						
			TB10-073	14	R7-5	A2	SPARE	A5	5	9	6	ADV551
			TB10-074	11		A1						
			TB10-075	14	R7-6	A2	SPARE	A6	6	9	6	ADV551
			TB10-076	11		A1						
			TB10-077	14	R7-7	A2	SPARE	A7	7	9	6	ADV551
			TB10-078	11		A1						
			TB10-079	14	R7-8	A2	SPARE	A8	8	9	6	ADV551
			TB10-080	11		A1						
			TB10-081	14	R7-9	A2	SPARE	A9	9	9	6	ADV551
			TB10-082	11		A1						
			TB10-083	14	R7-10	A2	SPARE	A10	10	9	6	ADV551
			TB10-084	11		A1						
			TB10-085	14	R7-11	A2	SPARE	A11	11	9	6	ADV551
			TB10-086	11		A1						
			TB10-087	14	R7-12	A2	SPARE	A12	12	9	6	ADV551
			TB10-088	11		A1						
			TB10-089	14	R7-13	A2	SPARE	A13	13	9	6	ADV551
			TB10-090	11		A1						
			TB10-091	14	R7-14	A2	SPARE	A14	14	9	6	ADV551
			TB10-092	11		A1						
			TB10-093	14	R7-15	A2	SPARE	A15	15	9	6	ADV551
			TB10-094	11		A1						
			TB10-095	14	R7-16	A2	SPARE	A16	16	9	6	ADV551
			TB10-096	11		A1						
								A17	-	9	6	ADV551
								A18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	78-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	78
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	79

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
~~DI~~	DO
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

FCU-0101

SYSTEM I/O

MCB3-25 OVDC-25 24VDC-25

MCB3-32 24VDC-32 OVDC-32

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	IP-R			Tag No.	Term.	Channel	NODE	SLOT	MODEL
			TB10-097	14	R7-17	A2	SPARE	B1	17	9	6	ADV551
			TB10-098	11		A1						
			TB10-099	14	R7-18	A2	SPARE	B2	18	9	6	ADV551
			TB10-100	11		A1						
			TB10-101	14	R7-19	A2	SPARE	B3	19	9	6	ADV551
			TB10-102	11		A1						
			TB10-103	14	R7-20	A2	SPARE	B4	20	9	6	ADV551
			TB10-104	11		A1						
			TB10-105	14	R7-21	A2	SPARE	B5	21	9	6	ADV551
			TB10-106	11		A1						
			TB10-107	14	R7-22	A2	SPARE	B6	22	9	6	ADV551
			TB10-108	11		A1						
			TB10-109	14	R7-23	A2	SPARE	B7	23	9	6	ADV551
			TB10-110	11		A1						
			TB10-111	14	R7-24	A2	SPARE	B8	24	9	6	ADV551
			TB10-112	11		A1						
			TB10-113	14	R7-25	A2	SPARE	B9	25	9	6	ADV551
			TB10-114	11		A1						
			TB10-115	14	R7-26	A2	SPARE	B10	26	9	6	ADV551
			TB10-116	11		A1						
			TB10-117	14	R7-27	A2	SPARE	B11	27	9	6	ADV551
			TB10-118	11		A1						
			TB10-119	14	R7-28	A2	SPARE	B12	28	9	6	ADV551
			TB10-120	11		A1						
			TB10-121	14	R7-29	A2	SPARE	B13	29	9	6	ADV551
			TB10-122	11		A1						
			TB10-123	14	R7-30	A2	SPARE	B14	30	9	6	ADV551
			TB10-124	11		A1						
			TB10-125	14	R7-31	A2	SPARE	B15	31	9	6	ADV551
			TB10-126	11		A1						
			TB10-127	14	R7-32	A2	SPARE	B16	32	9	6	ADV551
			TB10-128	11		A1						
								B17	-	9	6	ADV551
								B18	+			

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	79-DO
	CH.	DATE							TITLE	SHT NO
	HARINAH	01/07/09							SOAP & BEADING	79
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT NO
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	80

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

MCB3-16
0VDC-16 24VDC-16

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-001	SPARE	A1	1	9	1	ADV151
			TB11-002		A17				
			TB11-003	SPARE	A2	2	9	1	ADV151
			TB11-004		A17				
			TB11-005	SPARE	A3	3	9	1	ADV151
			TB11-006		A17				
			TB11-007	SPARE	A4	4	9	1	ADV151
			TB11-008		A17				
			TB11-009	SPARE	A5	5	9	1	ADV151
			TB11-010		A17				
			TB11-011	SPARE	A6	6	9	1	ADV151
			TB11-012		A17				
			TB11-013	SPARE	A7	7	9	1	ADV151
			TB11-014		A17				
			TB11-015	SPARE	A8	8	9	1	ADV151
			TB11-016		A17				
			TB11-017	SPARE	A9	9	9	1	ADV151
			TB11-018		A17				
			TB11-019	SPARE	A10	10	9	1	ADV151
			TB11-020		A17				
			TB11-021	SPARE	A11	11	9	1	ADV151
			TB11-022		A17				
			TB11-023	SPARE	A12	12	9	1	ADV151
			TB11-024		A17				
			TB11-025	SPARE	A13	13	9	1	ADV151
			TB11-026		A17				
			TB11-027	SPARE	A14	14	9	1	ADV151
			TB11-028		A17				
			TB11-029	SPARE	A15	15	9	1	ADV151
			TB11-030		A17				
			TB11-031	SPARE	A16	16	9	1	ADV151
			TB11-032		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	80-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	80
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	81

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

MCB3-16
0VDC-16 24VDC-16

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-033	SPARE	B1	17	9	1	ADV151
			TB11-034		B17				
			TB11-035	SPARE	B2	18	9	1	ADV151
			TB11-036		B17				
			TB11-037	SPARE	B3	19	9	1	ADV151
			TB11-038		B17				
			TB11-039	SPARE	B4	20	9	1	ADV151
			TB11-040		B17				
			TB11-041	SPARE	B5	21	9	1	ADV151
			TB11-042		B17				
			TB11-043	SPARE	B6	22	9	1	ADV151
			TB11-044		B17				
			TB11-045	SPARE	B7	23	9	1	ADV151
			TB11-046		B17				
			TB11-047	SPARE	B8	24	9	1	ADV151
			TB11-048		B17				
			TB11-049	SPARE	B9	25	9	1	ADV151
			TB11-050		B17				
			TB11-051	SPARE	B10	26	9	1	ADV151
			TB11-052		B17				
			TB11-053	SPARE	B11	27	9	1	ADV151
			TB11-054		B17				
			TB11-055	SPARE	B12	28	9	1	ADV151
			TB11-056		B17				
			TB11-057	SPARE	B13	29	9	1	ADV151
			TB11-058		B17				
			TB11-059	SPARE	B14	30	9	1	ADV151
			TB11-060		B17				
			TB11-061	SPARE	B15	31	9	1	ADV151
			TB11-062		B17				
			TB11-063	SPARE	B16	32	9	1	ADV151
			TB11-064		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	81-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	81
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	82

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

MCB3-17
0VDC-17 24VDC-17

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-065	SPARE	A1	1	9	2	ADV151
			TB11-066		A17				
			TB11-067	SPARE	A2	2	9	2	ADV151
			TB11-068		A17				
			TB11-069	SPARE	A3	3	9	2	ADV151
			TB11-070		A17				
			TB11-071	SPARE	A4	4	9	2	ADV151
			TB11-072		A17				
			TB11-073	SPARE	A5	5	9	2	ADV151
			TB11-074		A17				
			TB11-075	SPARE	A6	6	9	2	ADV151
			TB11-076		A17				
			TB11-077	SPARE	A7	7	9	2	ADV151
			TB11-078		A17				
			TB11-079	SPARE	A8	8	9	2	ADV151
			TB11-080		A17				
			TB11-081	SPARE	A9	9	9	2	ADV151
			TB11-082		A17				
			TB11-083	SPARE	A10	10	9	2	ADV151
			TB11-084		A17				
			TB11-085	SPARE	A11	11	9	2	ADV151
			TB11-086		A17				
			TB11-087	SPARE	A12	12	9	2	ADV151
			TB11-088		A17				
			TB11-089	SPARE	A13	13	9	2	ADV151
			TB11-090		A17				
			TB11-091	SPARE	A14	14	9	2	ADV151
			TB11-092		A17				
			TB11-093	SPARE	A15	15	9	2	ADV151
			TB11-094		A17				
			TB11-095	SPARE	A16	16	9	2	ADV151
			TB11-096		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	82-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	82
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	83

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

MCB3-17
0VDC-17 24VDC-17

FCU-0103

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-097	SPARE	B1	17	9	2	ADV151
			TB11-098		B17				
			TB11-099	SPARE	B2	18	9	2	ADV151
			TB11-100		B17				
			TB11-101	SPARE	B3	19	9	2	ADV151
			TB11-102		B17				
			TB11-103	SPARE	B4	20	9	2	ADV151
			TB11-104		B17				
			TB11-105	SPARE	B5	21	9	2	ADV151
			TB11-106		B17				
			TB11-107	SPARE	B6	22	9	2	ADV151
			TB11-108		B17				
			TB11-109	SPARE	B7	23	9	2	ADV151
			TB11-110		B17				
			TB11-111	SPARE	B8	24	9	2	ADV151
			TB11-112		B17				
			TB11-113	SPARE	B9	25	9	2	ADV151
			TB11-114		B17				
			TB11-115	SPARE	B10	26	9	2	ADV151
			TB11-116		B17				
			TB11-117	SPARE	B11	27	9	2	ADV151
			TB11-118		B17				
			TB11-119	SPARE	B12	28	9	2	ADV151
			TB11-120		B17				
			TB11-121	SPARE	B13	29	9	2	ADV151
			TB11-122		B17				
			TB11-123	SPARE	B14	30	9	2	ADV151
			TB11-124		B17				
			TB11-125	SPARE	B15	31	9	2	ADV151
			TB11-126		B17				
			TB11-127	SPARE	B16	32	9	2	ADV151
			TB11-128		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	83-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	83
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	84

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

MCB3-18

0VDC-18 24VDC-18

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-129	SPARE	A1	1	9	3	ADV151
			TB11-130		A17				
			TB11-131	SPARE	A2	2	9	3	ADV151
			TB11-132		A17				
			TB11-133	SPARE	A3	3	9	3	ADV151
			TB11-134		A17				
			TB11-135	SPARE	A4	4	9	3	ADV151
			TB11-136		A17				
			TB11-137	SPARE	A5	5	9	3	ADV151
			TB11-138		A17				
			TB11-139	SPARE	A6	6	9	3	ADV151
			TB11-140		A17				
			TB11-141	SPARE	A7	7	9	3	ADV151
			TB11-142		A17				
			TB11-143	SPARE	A8	8	9	3	ADV151
			TB11-144		A17				
			TB11-145	SPARE	A9	9	9	3	ADV151
			TB11-146		A17				
			TB11-147	SPARE	A10	10	9	3	ADV151
			TB11-148		A17				
			TB11-149	SPARE	A11	11	9	3	ADV151
			TB11-150		A17				
			TB11-151	SPARE	A12	12	9	3	ADV151
			TB11-152		A17				
			TB11-153	SPARE	A13	13	9	3	ADV151
			TB11-154		A17				
			TB11-155	SPARE	A14	14	9	3	ADV151
			TB11-156		A17				
			TB11-157	SPARE	A15	15	9	3	ADV151
			TB11-158		A17				
			TB11-159	SPARE	A16	16	9	3	ADV151
			TB11-160		A17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	84-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	84
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	85

YOKOGAWA

Signal Type :	
~~HSC~~	~~RTD~~
~~AI~~	~~AO~~
DI	~~DO~~
~~IS~~	NIS
HART	NON HART

Cabinet No :

SOAP & BEADING
DCS PANEL 4

MCB3-18
0VDC-18 24VDC-18

FCU-0101

SYSTEM I/O

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
			TB11-161	SPARE	B1	17	9	3	ADV151
			TB11-162		B17				
			TB11-163	SPARE	B2	18	9	3	ADV151
			TB11-164		B17				
			TB11-165	SPARE	B3	19	9	3	ADV151
			TB11-166		B17				
			TB11-167	SPARE	B4	20	9	3	ADV151
			TB11-168		B17				
			TB11-169	SPARE	B5	21	9	3	ADV151
			TB11-170		B17				
			TB11-171	SPARE	B6	22	9	3	ADV151
			TB11-172		B17				
			TB11-173	SPARE	B7	23	9	3	ADV151
			TB11-174		B17				
			TB11-175	SPARE	B8	24	9	3	ADV151
			TB11-176		B17				
			TB11-177	SPARE	B9	25	9	3	ADV151
			TB11-178		B17				
			TB11-179	SPARE	B10	26	9	3	ADV151
			TB11-180		B17				
			TB11-181	SPARE	B11	27	9	3	ADV151
			TB11-182		B17				
			TB11-183	SPARE	B12	28	9	3	ADV151
			TB11-184		B17				
			TB11-185	SPARE	B13	29	9	3	ADV151
			TB11-186		B17				
			TB11-187	SPARE	B14	30	9	3	ADV151
			TB11-188		B17				
			TB11-189	SPARE	B15	31	9	3	ADV151
			TB11-190		B17				
			TB11-191	SPARE	B16	32	9	3	ADV151
			TB11-192		B17				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	85-DI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	85
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	86

YOKOGAWA

Signal Type :		Cabinet No :						
~~HSC~~	~~RTD~~	SOAP & BEADING DCS PANEL 2		FCU-0101				
AI	~~AO~~			SYSTEM I/O				
~~DI~~	~~DO~~							
~~IS~~	NIS							
HART	NON HART							

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
				AG190D15AMP	A1	1	9	7	AAI143
					B1				
				PU190D13BAMP	A2	2	9	7	AAI143
					B2				
				M190D15AAMP	A3	3	9	7	AAI143
					B3				
				M190D15BAMP	A4	4	9	7	AAI143
					B4				
				M190D15DAMP	A5	5	9	7	AAI143
					B5				
				M190D15EAMP	A6	6	9	7	AAI143
					B6				
				M190D16AMP	A7	7	9	7	AAI143
					B7				
				M190D17AMP	A8	8	9	7	AAI143
					B8				
				M190D15CAMP	A9	9	9	7	AAI143
					B9				
				SPARE	A10	10	9	7	AAI143
					B10				
				SPARE	A11	11	9	7	AAI143
					B11				
				SPARE	A12	12	9	7	AAI143
					B12				
				SPARE	A13	13	9	7	AAI143
					B13				
				SPARE	A14	14	9	7	AAI143
					B14				
				SPARE	A15	15	9	7	AAI143
					B15				
				SPARE	A16	16	9	7	AAI143
					B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	86-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	86
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	87

YOKOGAWA

Signal Type :		Cabinet No :		
~~HSC~~	~~RTD~~	SOAP & BEADING DCS PANEL 2	FCU-0101	
AI	~~AO~~			
~~DI~~	~~DO~~			
~~IS~~	NIS			
HART	NON HART		SYSTEM I/O	

FIELD CABLE	CROSS WIRING TB	CROSS WIRE NO.	TB	Tag No.	Term.	Channel	Node	Slot	Model
				SPARE	A1	1	9	8	AAI143
					B1				
				SPARE	A2	2	9	8	AAI143
					B2				
				SPARE	A3	3	9	8	AAI143
					B3				
				SPARE	A4	4	9	8	AAI143
					B4				
				SPARE	A5	5	9	8	AAI143
					B5				
				SPARE	A6	6	9	8	AAI143
					B6				
				SPARE	A7	7	9	8	AAI143
					B7				
				SPARE	A8	8	9	8	AAI143
					B8				
				SPARE	A9	9	9	8	AAI143
					B9				
				SPARE	A10	10	9	8	AAI143
					B10				
				SPARE	A11	11	9	8	AAI143
					B11				
				SPARE	A12	12	9	8	AAI143
					B12				
				SPARE	A13	13	9	8	AAI143
					B13				
				SPARE	A14	14	9	8	AAI143
					B14				
				SPARE	A15	15	9	8	AAI143
					B15				
				SPARE	A16	16	9	8	AAI143
					B16				

GENERAL DESCRIPTION	DR.	DATE							PROJECT NAME	DWG. NO.
Panel Wiring Drawing	DILA	01/07/09							WILMAR SURABAYA SOAP & BEADING	87-AI
	CH.	DATE							TITLE	SHT. NO.
	HARINAH	01/07/09							SOAP & BEADING	87
FILENAME	APP.	DATE	1	AS PER FAT	20/10/09	DILA	HARINAH	JENNY	DOC. NO.	CONT'D
SOAP&BEADING	JENNY	01/07/09	REV.	DESCRIPTION	DATE	DRAWN BY	CHECK BY	APPR. BY	WSSB-D32-001	-

YOKOGAWA