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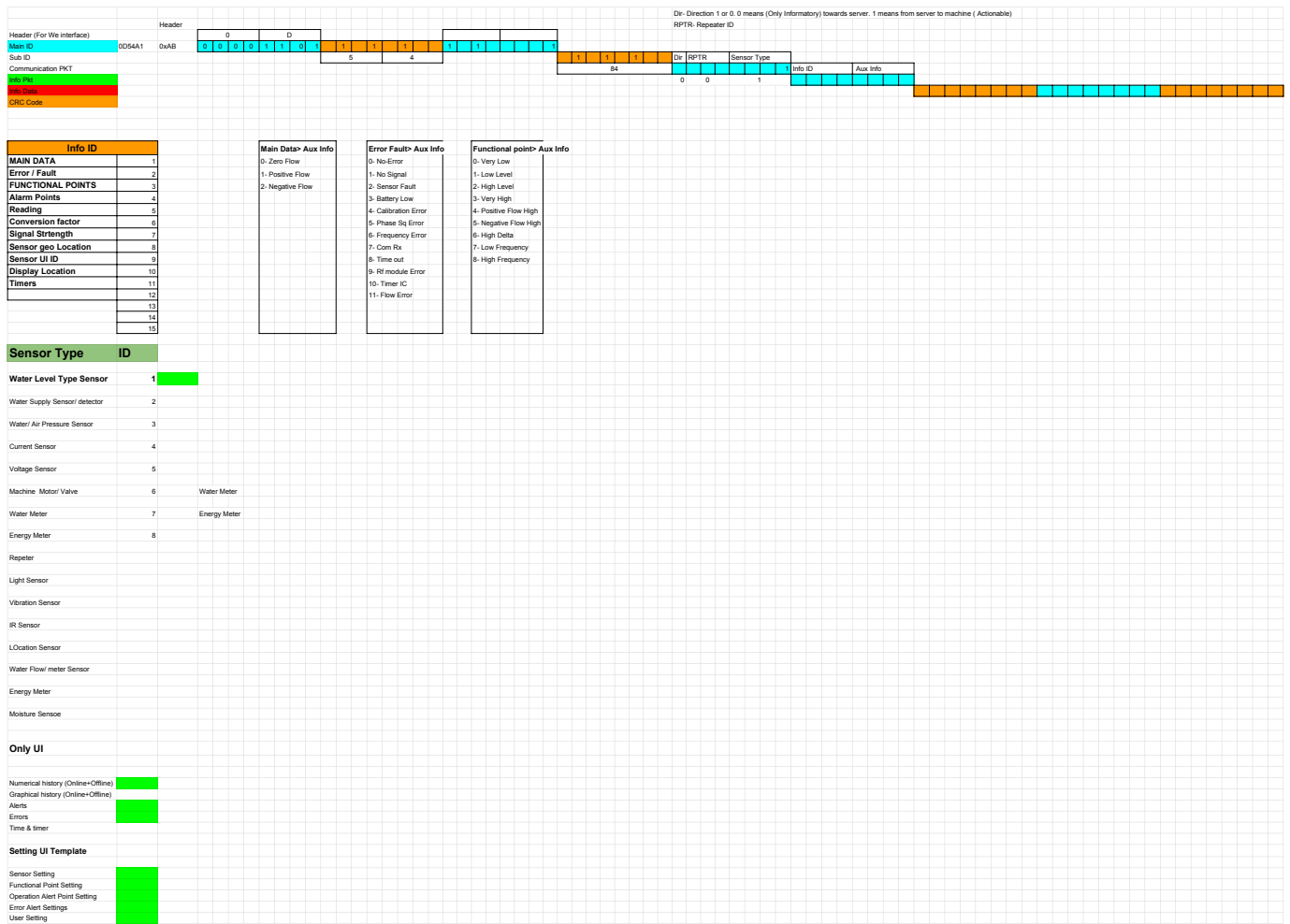
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Aquarium	Sensors	MAIN ID	SUB ID	TYPE	Sensor 1				Sensor 2	Sensor 3	Sensor 4	Sensor 5	Sensor 6	Sensor 7	Sensor 8	Sensor 9	Sensor 10	Sensor 11	Sensor 12	Sensor 13	Sensor 14	Sensor 15	Sensor 16	Sensor 17	Sensor 18	Sensor 19	Sensor 20	Sensor 21	Sensor 22	Sensor 23	Sensor 24	Sensor 25	Sensor 26	Sensor 27	Sensor 28	Sensor 29	Sensor 30	Sensor 31	Sensor 32	Sensor 33	Sensor 34	Sensor 35	Sensor 36	Sensor 37	Sensor 38	Sensor 39	Sensor 40	Sensor 41	Sensor 42	Sensor 43	Sensor 44	Sensor 45	Sensor 46	Sensor 47	Sensor 48	Sensor 49	Sensor 50	Sensor 51	Sensor 52	Sensor 53	Sensor 54	Sensor 55	Sensor 56	Sensor 57	Sensor 58	Sensor 59	Sensor 60	Sensor 61	Sensor 62	Sensor 63	Sensor 64	Sensor 65	Sensor 66	Sensor 67	Sensor 68	Sensor 69	Sensor 70	Sensor 71	Sensor 72	Sensor 73	Sensor 74	Sensor 75	Sensor 76	Sensor 77	Sensor 78	Sensor 79	Sensor 80	Sensor 81	Sensor 82	Sensor 83	Sensor 84	Sensor 85	Sensor 86	Sensor 87	Sensor 88	Sensor 89	Sensor 90	Sensor 91	Sensor 92	Sensor 93	Sensor 94	Sensor 95	Sensor 96	Sensor 97	Sensor 98	Sensor 99	Sensor 100	Sensor 101	Sensor 102	Sensor 103	Sensor 104	Sensor 105	Sensor 106	Sensor 107	Sensor 108	Sensor 109	Sensor 110	Sensor 111	Sensor 112	Sensor 113	Sensor 114	Sensor 115	Sensor 116	Sensor 117	Sensor 118	Sensor 119	Sensor 120	Sensor 121	Sensor 122	Sensor 123	Sensor 124	Sensor 125	Sensor 126	Sensor 127	Sensor 128	Sensor 129	Sensor 130	Sensor 131	Sensor 132	Sensor 133	Sensor 134	Sensor 135	Sensor 136	Sensor 137	Sensor 138	Sensor 139	Sensor 140	Sensor 141	Sensor 142	Sensor 143	Sensor 144	Sensor 145	Sensor 146	Sensor 147	Sensor 148	Sensor 149	Sensor 150	Sensor 151	Sensor 152	Sensor 153	Sensor 154	Sensor 155	Sensor 156	Sensor 157	Sensor 158	Sensor 159	Sensor 160	Sensor 161	Sensor 162	Sensor 163	Sensor 164	Sensor 165	Sensor 166	Sensor 167	Sensor 168	Sensor 169	Sensor 170	Sensor 171	Sensor 172	Sensor 173	Sensor 174	Sensor 175	Sensor 176	Sensor 177	Sensor 178	Sensor 179	Sensor 180	Sensor 181	Sensor 182	Sensor 183	Sensor 184	Sensor 185	Sensor 186	Sensor 187	Sensor 188	Sensor 189	Sensor 190	Sensor 191	Sensor 192	Sensor 193	Sensor 194	Sensor 195	Sensor 196	Sensor 197	Sensor 198	Sensor 199	Sensor 200	Sensor 201	Sensor 202	Sensor 203
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Welcome SiteAdmin1				
MachineUser	MachineName	MachineID	ConnectionStatus	Error
MachineUserA	Machine1	01AG23	Connected	Ok
MachineUserA	Machine2	01AG23	Connected	Ok
MachineUserB	Machine3	01AG2F	Offline	Fault
MachineUserC	Machine5	01AG2C	Connected	Fault
MachineUserC	Machine4	01AGB3	Offline	Fault



LEVEL SENSOR	Communication pkt				Info Packet				1st Data Packet				2nd Data Packet				3rd Data Packet							
	Dir	RPTR	Sensor Type		Info ID		Aux Info																	
				0	1					1	1			2	0			1	1					
	Water Level Data																							
	DESCRIPTION		INFO ID		AUX INFO		INFO PKT-1				INFO PKT-2				INFO PKT-3									
	MAIN DATA		1		RX[5]				RX[6]				RX[7]				RX[8]							
	Aux Info																							
	Zero Flow		1-0		0	0	0	1	0	0	0	0	LEVEL 1% to 255%				LEVEL 0.01% to 0.99%				Flow Rate 0- 256% / Hour			
	Positive Flow		1-1		0	0	0	1	0	0	0	1	LEVEL 1% to 255%				LEVEL 0.01% to 0.99%				Flow Rate 0- 256% / Hour			
	Negative Flow		1-2		0	0	0	1	0	0	1	0	LEVEL 1% to 255%				LEVEL 0.01% to 0.99%				Flow Rate 0- 256% / Hour			
+ve Flow Rate				0	0	0	1	0	1	0	0					Valve status								
:-ve				0	0	0	1	-	0	-	-													
flow sensor based flow				0	0	0	1	1	0	-	-													
Error / Fault		2																						
Aux Info																								
No Error				0	0	1	0	0	0	0	0					Battery Voltage 2~4.5								
No Signal				0	0	1	0	0	0	0	1					Battery Voltage 2~4.5								
Sensor Fault				0	0	1	0	0	0	1	0					Battery Voltage 2~4.5								
Low Battery				0	0	1	0	0	1	0	0					Battery Voltage 2~4.5								
Calibration Error				0	0	1	0	1		0	0													
Functional Points		3																						
Aux Info																								
Very Low				0	0	1	1	0	0	0	0					Limit- 1 to 256%				0x30				
Low Level				0	0	1	1	0	0	0	1					Limit- 1 to 256%				0x31				
High Level				0	0	1	1	0	0	1	0					Limit- 1 to 256%				0x32				
Very High Level				0	0	1	1	0	0	1	1					Limit- 1 to 256%				0x33				
Positive Flow High				0	0	1	1	0	1	0	0					Limit- 1 to 256% per Hours				0x34				
Negative Flow High				0	0	1	1	0	1	0	1					Limit- 1 to 256% per Hours				0x35				
Alarm Points		4																						
Aux Info																								
Very Low				0	1	0	0	0	0	0	0					Limit- 1 to 256%								
Low Level				0	1	0	0	0	0	0	1					Limit- 1 to 256%								
High Level				0	1	0	0	0	0	1	0					Limit- 1 to 256%								
Very High Level				0	1	0	0	0	0	1	1					Limit- 1 to 256%								
Positive Flow High				0	1	0	0	0	1	0	0					Limit- 1 to 256% per Hours								
Negative Flow High				0	1	0	0	0	1	0	1					Limit- 1 to 256% per Hours								
Reading		5																						
Aux Info																								

LEVEL SENSOR	Communication pkt			Info Packet			1st Data Packet			2nd Data Packet			3rd Data Packet			
	Dir	RPTR	Sensor Type	Info ID	Aux Info											
	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	
	Date Stamp			24 Hour Stamp			Positive %age			Negative %age						
Reading for 16 hours	0	1	0	1	31 Days stamp											

Data will be transmitted every hour and 24 data will be streamed every day

Data will be transmitted every hour and 24 data will be streamed every day

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Aux Info
866



CURRENT SENSOR	Communication pkt								Info Packet				1st Data Packet				2nd Data Packet				3rd Data Packet																					
	Dir	RPTR		Sensor Type				Info ID				Aux Info																														
Min= 0%    max reading within 5 mir																																										
DESCRIPTION		INFO ID				AUX INFO				INFO PKT-1				INFO PKT-2				INFO PKT-3																								
<b>MAIN DATA</b>		<b>1</b>																																								
Aux Info																																										
Current		0	0	0	1	Instant Delta Delta 0-3.2%				Current Phase-R 1% to 25.5%				Current Phase-Y 1% to 25.5%				Current Phase-B 1% to 25.5%																								

Aux Info										
Total Amp Minute Reading	0	1	0	1	16 Days stamp	24 Hour Stamp	1-16384 Amp Min			
	86.€									

# Controller

Communication pkt			Info Packet		1st Data Packet	2nd Data Packet	3rd Data Packet
Dir	RPTR	Sensor Type	Info ID	Aux Info			
					1	1	2 0

Min= 0% max reading within 5 mir

DESCRIPTION	INFO ID	AUX INFO	INFO PKT-1	INFO PKT-2	INFO PKT-3
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## MAIN DATA 1

Aux Info

		Duration	
Motor Controller/ Valve controller	0 0 0 1	0-1 24 Hours reading	Duration in minutes 0-59
Valve No-1		1 ON-OFF	
Valve No-2		1	
similarly upto 13			
Valve No-14 ( Sump Valve)			
Motor No 1:15			
Motor No 2: 0			

## Error / Fault 2

Aux Info

No Error	0	0 0 1 0	0 0 0 0			SMS Active/ Inactive
Comm Rx	1	0 0 1 0	0 0 0 1			SMS Active/ Inactive
Time out	2	0 0 1 0	0 0 1 0			SMS Active/ Inactive
RF Module	3	0 0 1 0	0 0 1 1			SMS Active/ Inactive
Timer Ic	4	0 0 1 0	0 1 0 0			SMS Active/ Inactive
Flow Error	5					
Signal Error	6					
Power Failure						

## Functional Points 3

Aux Info

No of Trials		0 0 1 1	1			No of Trial
Start Delay			2			Start Delay 1-255 min
Trial ON Duration			3			1-255 min
Trial Gap			4			1-255 min
Mode of operation			5	None Mot1 Mot2 Alternate Simultaneously		0-4
Starting Method			6	Simple ,+ Starter + Hybrid		0-2
Timeout Limit			7	24 Hours reading	Duration in minutes 0-59	
			8			
			0			

## Reading 5

Aux Info

Total Duration in Minute Reading	0 1 0 1	Last 16 days	0-1	ON OFF time in minutes 8,388,607
			0-Off	
			1-ON	

Timers		11
Aux Info		
Date	1 0 1 1 0	0
		0
		date
		month
		year 2000+
Master Time (UTC+ Shift)	1 0 1 1 0	0
		Shift
		UTC
		, - or +
		hour 1-24
		min 1-59
		1-24 hours
		1-59 min
OFF / disable Timer No	1 0 1 1 0	1-7
		ON Time
		OFF Time
		hour 1-24
		min 1-59
		1-24 hours
		1-59 min
		0- All Days
		0 mins no off time , only trigger
		1- Only Sunday
		2- Sat & Sun
		3- 5 Week Days
ON Timer No	1 0 1 1 1	1-7
		ON Time
		OFF Time
		hour 1-24
		min 1-59
		1-24 hours
		1-59 min
		0- All Days
		0 mins no off time , only trigger
		1- Only Sunday
		2- Sat & Sun
		3- 5 Week Days

**PRESSURE SENSOR**

Communication pkt			Info Packet		1st Data Packet		2nd Data Packet		3rd Data Packet							
Dir	RPTR	Sensor Type	Info ID	Aux Info												
Cyan	Yellow	Orange	Yellow	Orange	Green	1	Green	1	Blue	2	0	Blue	Blue	Blue	Green	flow rate 1 to 255 percent per hour

DESCRIPTION		INFO ID	AUX INFO		INFO PKT-1		INFO PKT-2		INFO PKT-3
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MAIN DATA		1																	
Aux Info																			
Zero Flow	1-0	0	0	0	1	0	0	0	0	LEVEL 1% to 255%				LEVEL 0.01% to 0.99%				Flow Rate 0- 256% / Hour	
Positive Flow	1-1	0	0	0	1	0	0	0	1	LEVEL 1% to 255%				LEVEL 0.01% to 0.99%				Flow Rate 0- 256% / Hour	
Negative Flow	1-2	0	0	0	1	0	0	1	0	LEVEL 1% to 255%				LEVEL 0.01% to 0.99%				Flow Rate 0- 256% / Hour	

Error / Fault		2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Recorded Low Benchmark			0	0	1	1	0	0	0	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

Alarm Points		4	
Aux Info			
Very Low	<div><div>0</div><div>1</div><div>0</div><div>0</div><div>0</div><div>0</div><div>0</div><div>0</div></div>		Limit- 1 to 256%
Low Level	<div><div>0</div><div>1</div><div>0</div><div>0</div><div>0</div><div>0</div><div>0</div><div>1</div></div>		Limit- 1 to 256%
High Level	<div><div>0</div><div>1</div><div>0</div><div>0</div><div>0</div><div>0</div><div>1</div><div>0</div></div>		Limit- 1 to 256%
Very High Level	<div><div>0</div><div>1</div><div>0</div><div>0</div><div>0</div><div>0</div><div>1</div><div>1</div></div>		Limit- 1 to 256%
Positive Flow High	<div><div>0</div><div>1</div><div>0</div><div>0</div><div>0</div><div>1</div><div>0</div><div>0</div></div>		Limit- 1 to 256% per Hours
Negative Flow High	<div><div>0</div><div>1</div><div>0</div><div>0</div><div>0</div><div>1</div><div>0</div><div>1</div></div>		Limit- 1 to 256% per Hours

Reading	5										
Aux Info											
		Date Stamp									
Reading for 16 hours	0	1	0	1	31 Days stamp	24 Hour Stamp	Positive %age	Negative %age			

Data will be transmitted every hour and 32 data will be streamed every 8 hours

Features of GSM Modem -

1

