Water Sensor Aux Infor Current Sensor Voltager Controller Very Low No of Trial Low No of Trial High Start Delay Very High Trial Duration High Dela Trial Sep Low Frequency Dual/ Single High Frequency Very Low Low High Very High High Delta

										<u> </u>
				<del>                                     </del>						
				-						
				-						
				-						
				-					-	
				l						

					1				
									$\vdash$
					-				$\vdash$
					-				$\vdash$

									$\vdash$
									$\vdash$
									<del></del>
									$\vdash$
									<del>                                     </del>
									<del>                                     </del>
									<u> </u>
									<del></del>
								-	

				1	1				
						-			
					-	-			
					-	-			
						1			

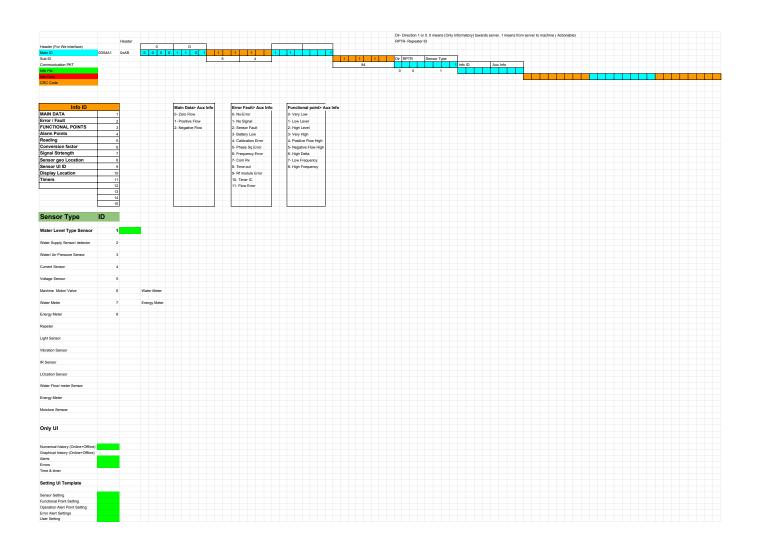
										<u> </u>
				<del>                                     </del>						
				-						
				-						
				-						
				-					-	
				l						

		1									
	-		-			-	+				
											$\vdash$
							-	-			$\vdash$
		-	-	-	-	-	-	-			$\vdash$
		-	-	-	-	-	-	-			$\vdash$
		-			-		-				$\vdash$
	<del>                                     </del>						<del>                                     </del>				

					1				

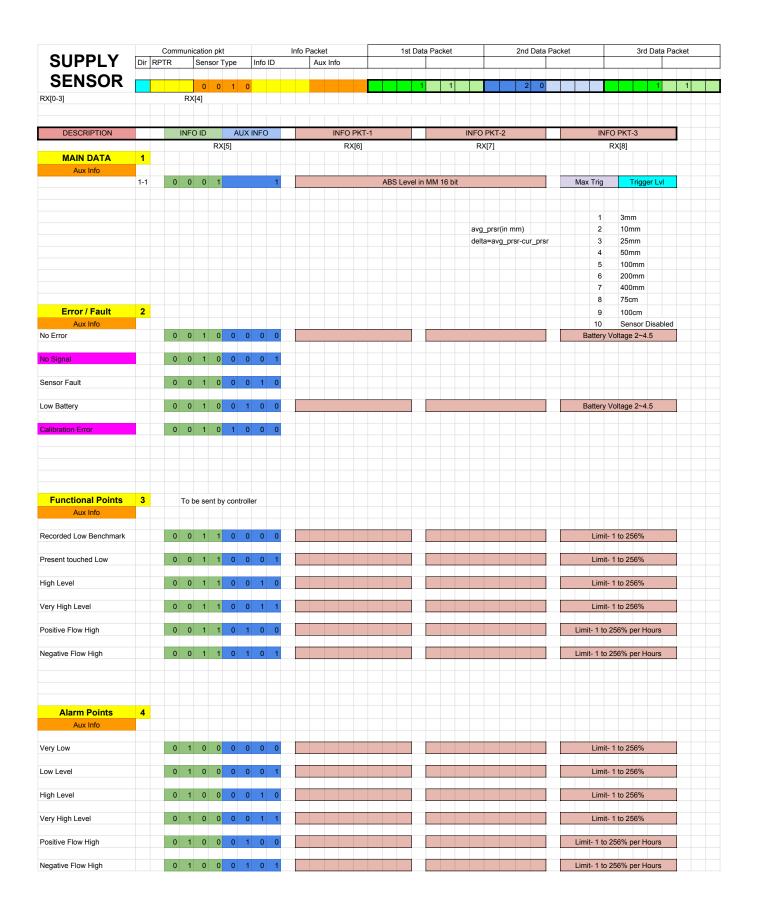
				<del>                                     </del>			<del>                                     </del>			
			-							

Part																										
Part							Sensort																			
March   Marc																										
Part						Machin1	Sensor2																			
Part					MachineUser1	Machin2	Sensor1																			
Part				SiteAdmin1																						
**************************************																										
March   Marc																										
- Market - M			SubAdmin1																							
Mary			Juliani																							
March   Marc		Annual state of the last																								
		Aquaumpumm																								
Market   M																										
March   Marc			SUBASITIFIZ																							
March   Marc																										
Month   Mont								No Error																		
Company   Comp																										
Second Control   Seco			SubAdmin3	SiteAdmin4	MachineUser1, MachineUser2			No Signal																		
Control Cont																										
Column   C								Sensor Fault																		
Companies   Part   Pa																										
Note								Low Battery																		
Note																										
Section   Sect								Calibration Erro																		
Section   Sect																										
Note	ensors Database	(Hisory)																								
Martin   M											Alarms/ Alerts			Hourly Consump	otion READING											
Common   Span Ration   Span State   Span State   Span State	ime Stamp	MAIN ID	SUB ID	TYPE	Level-Data1	Level-Data2	Level-Data3	FlowData	NoSig	SensorFault	LowBattery	CalibrationEnor														
Supplied			1 byte Number		16 bit				T/F	TIF										1						
According   Name   Na		3 bbytes																								
Part								2+NegativeFLo																		
Second Process   Seco																										
Second Process   Seco																										
Second Process   Seco																										
Second Process   Seco																										
Second Process   Seco																										
Second Process   Seco	seasor Confin **-	Misoryl																								
SCORE   19th Nation   19th		,					FUNCTION	u.	_	-			ALAR	I POINT												
Company   Type	ast update Time	MAIN ID	SUB ID	TYPE	FVLOW	FLOW	FHIGH	FVHIGH	FPFLOWHIGH	FNFLOWHIGH	AVLOW	ALOW	AHIGH	AVHIGH	APFLOWHG:	ANFLOWHIGH	1									
Considerable   Cons															-											
Note   Control			,								15.60	1 f bis	15.60	re sa	No. but	AP NA										
MAN					10 01	10 04	10 01	10 04	10.04	TO DE	10 54	10 00	10 54	10 54	10 01	10 01										
The Control   Mark																										
The Control   Mark		Mineral																								
Marked   M	OTTO OTTO THE COLUMN	((macey)						_			_															
Mark				1		1	Duration from	1	_	_	_				1									 	 1	
Consideration   Consideratio	ime Stamp	MAIN ID	SUBID	TYPE	MotStatus	Motor No	last status	1	NoSig	CommRx	Timeout	RF module	TimerIC	Flowerror	1									- 1		
Consideration   Consideratio		0x00000x0	1 byte Number	1 byte	TRUE FALSE	8 bit	Time delta		TRUDTLASE	TRUEFLASE	TRUEFLASE	TRUEFLASE	TRUEFLASE	TRUEFLASE	•											
Application   Control																										
## MARKED TOWN BANK OF USE OF THE STREET HAVE																										
## MARKED TOWN BANK OF USE OF THE STREET HAVE																										
## MARKED TOWN BANK OF USE OF THE STREET HAVE																										
## MARKED TOWN BANK OF USE OF THE STREET HAVE																										
## MARKED TOWN BANK OF USE OF THE STREET HAVE																										
## Marked Program   Mar																										
## APPLICATION OF THE MATERIAL PROPERTY OF THE	ontroller/Machine	(No Hisson)																								
MAC   SAB   TYC   STORICALY		,					Motor Confi												Alert	Enable						
September   Sept	set crytate Time	MAIN ID	Islano	TYPE	STARTORI AV	NTBM S		Тем сартия	Inus	Mone	TIMEOUT	MARTERDATE	MACTERTAGE	TRANSPORT THUS	ARI E DAY ONT	ME OFFTME	ANoSin	4Commity	ATimerut	AREmodule	ATimerIC .	Afficiance				
Second   S				1								MANUFACTOR IE	magnaki ME	ranko(U7)P(ES	PALL, LAT, UNI	one, over 1 march										
Secondary   Seco										Mot2																
Column   Type								Gap between		Alternate																
Parish   P									True-raise								INQUI/LASE	I RUE / LASE	TRUE/FLASE	INUE/TASE	INUEFLASE	IRUEITLASE				
1	-	UNIU0000	1 byte Number	1 byte	e ox	o oit	e bit	o bit		o oit	10 bit	Losie	11750													
11   17   23   18-10M   18-1																-										
T2															Day											
Value Comp Situ Administrative													TI	TAP	0-3											
Western Siles Authorist   Facility   Conscious Siles Authorist   Facility   Conscious Siles Authorist   Facility   Conscious Siles Authorist														TAP												
Machinolate							-																			
Machinological   Material   20022   Corrected   Dis.							4																			
Maches   Machine   19622   Corrected   Ck   T   T   S   HeSSM   HeSS							1						TS	T/F	0-3		HHMM									
Machinolates   Machinolates   10822		MachineUserA	Machine1		Connected	Ok							TS		0-3											
Manneduce D Monted 1902C Convenied Fail 5-Alloys Manneduce D Monted 1902C Convenied Fail 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		MachineUserA	Machine2			Ok							T7	TAF	0-3											
Machine/Leui-C Machine/4 01/025 CHile Fault 1- Chily Sunday													TB	TAF		HHMM	HHMM									
Machine/Leui-C Machine/4 01/025 CHile Fault 1- Chily Sunday																										
															1- Only Sunday											
2- Sart & Sun															2- Set & Sun											
3-5 Week Days																										



LEVE		Communication pkt	_	Packet	1st Data I	Packet	2nd Data Pack	ket	3rd Data Pa	icket
LEVEL	Dir R	RPTR Sensor Type	Info ID	Aux Info						
SENSOR		0	1		1	1	2 0		1	1
				W-41	-I D-t-					
				Water Leve	ei Data					
DESCRIPTION			X INFO	INFO PKT-1		INFO PKT-	2		PKT-3	
MAIN DATA	1	RX[5]		RX[6]		RX[7]		F	X[8]	
Aux Info										
ero Flow	1-0	0 0 0 1 0	0 0 0	LEVEL 1% to 25	5%	LEVEL 0.01% to	0.99%	Flow Rate (	0- 256% / Hour	
ositive Flow	1-1	0 0 0 1 0	0 0 1	LEVEL 1% to 25	5%	LEVEL 0.01% to	0.99%	Flow Rate (	0- 256% / Hour	
egative Flow	1-2	0 0 0 1 0	0 1 0	LEVEL 1% to 25	5%	LEVEL 0.01% to	0.99%	Flow Rate (	0- 256% / Hour	
ve Flow Rate		0 0 0 1 0	1 0 0				Valve sta	tuo		
ve riow Rate		0 0 0 1	1 0 0				valve sta	lus		
ve		0 0 0 1 -	0							
ow sensor based flow		0 0 0 1 1	0							
Error / Fault  Aux Info	2									
o Error		0 0 1 0 0	0 0 0					Battery V	oltage 2~4.5	
o Signal		0 0 1 0 0	0 0 1					Patton/ V	oltage 2~4.5	
_										
ensor Fault		0 0 1 0 0	0 1 0					Battery V	oltage 2~4.5	
ow Battery		0 0 1 0 0	1 0 0					Battery V	oltage 2~4.5	
alibration Error		0 0 1 0 1	0 0							
unoration Error										
Functional Points	3									
Aux Info										
ery Low		0 0 1 1 0	0 0 0					Limit-	1 to 256%	0x
ow Level		0 0 1 1 0	0 0 1					Limit-	1 to 256%	0x:
igh Level		0 0 1 1 0	0 1 0					Limit-	1 to 256%	0x
ery High Level		0 0 1 1 0	0 1 1					Limit-	1 to 256%	0x
ositive Flow High		0 0 1 1 0	1 0 0					Limit- 1 to 2	56% per Hours	0x:
egative Flow High		0 0 1 1 0	1 0 1					Limit- 1 to 2	56% per Hours	0x
Alarm Points	4									
Aux Info										
ery Low		0 1 0 0 0	0 0 0					Limit-	1 to 256%	
			0 0 1					11.7	11.0500/	
ow Level		0 1 0 0 0	0 0 1					Limit-	1 to 256%	
gh Level		0 1 0 0 0	0 1 0					Limit-	1 to 256%	
ery High Level		0 1 0 0 0	0 1 1					Limit-	1 to 256%	
ositive Flow High		0 1 0 0	1 0 0					Limit 4 to 0	56% per Hours	
		0 1 0 0 0	1 0 0					Limit- 1 to 2	90% per Hours	
oolave riow riigii		0 1 0 0 0	1 0 1					Limit- 1 to 2	56% per Hours	
egative Flow High										

			Сс	mn	nun	cati	on	pkt			Т			Inf	fo P	acke	et				1st	Data	а Ра	cke	t			2	2nd [	Data	Pa	cket					3rd	Dat	ta Pa	acke	et		
LEVEL	Dir	RI	PTF	2		Se	nsc	or T	ype	)	li	nfo II	)			Au	x In	fo																									
SENSOR																																			4						_	_	_
SENSOR							L		C		1											1		_	1				2	0								1			1		
											Dat	e St	amp	_																													
Reading for 16 hours				0	1	(	)	1	31	Day	s s	amp	•			24	Hou	ır St	amp			- 1	Pos	itive	%a	ge						Neg	ative	%a	ige								
Data will be transmitted ever	y hou	ır aı	nd 2	24 d	lata	will	be	str	ear	ned	eve	ery c	ay																														

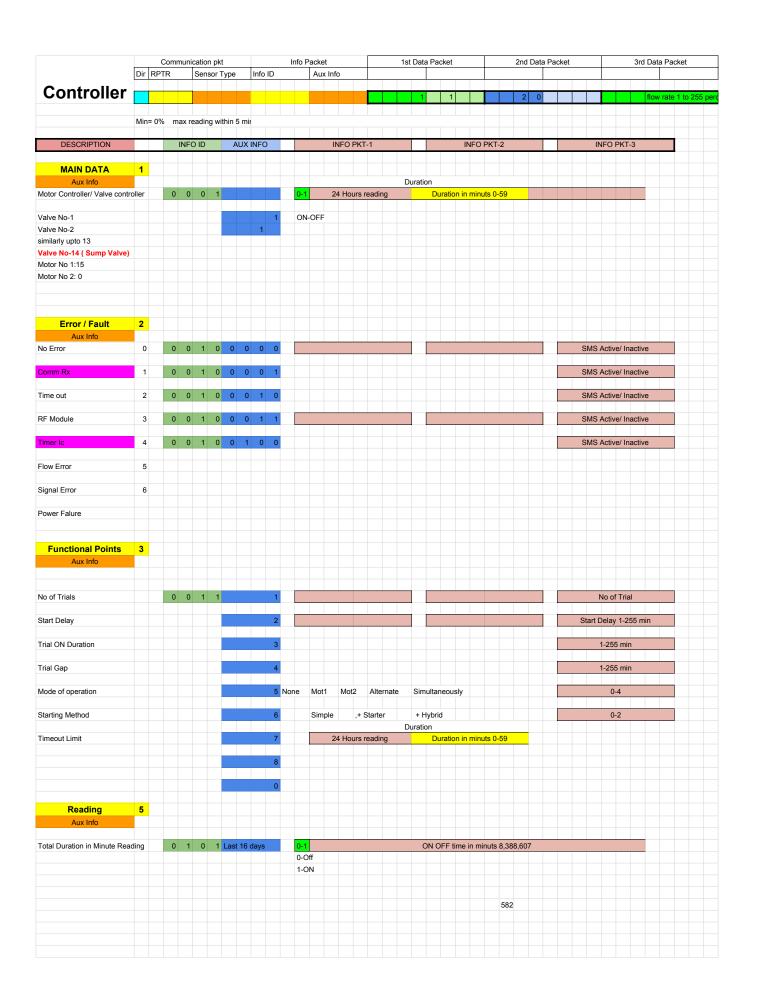


		Communication p	okt	Info Packet 1st [	Data Packet 2nd Data P	acket 3rd Data Packet
<b>VOLTAGE</b>	Dir R		r Type Info ID	Aux Info	Jala Packet 2110 Data P	acket Sid Data Packet
	<u> </u>			7 tax iiiio		
SENSOR					1 1 2 0	flow rate 1 to
	Min=	0% max reading	within 5 mir			
DESCRIPTION		INFO ID	AUX INFO	INFO PKT-1	INFO PKT-2	INFO PKT-3
MAIN DATA	1					
Aux Info			Instent Delta			
Voltage		0 0 0	1 Delta 0-3.2%	voltage Phase-R 100+256	voltage Phase-Y 100+256	voltage Phase-B 100+256
Euron / Envil	_					
Error / Fault Aux Info	2					
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			
Sensor Fault		0 0 1	0 0 0 1 0			
Conoci i duit		0 0				
Low Battery		0 0 1	0 0 0 1 1			Battery Voltage 2~4.5
Calibration Error		0 0 1	0 0 1 0 0			
Phase Sequence Error						
Frequency						
Functional Points	3	To be sent	by controller			
Aux Info		To be sent	by controller			
Low Current		0 0 1	1 0 0 0 1			Limit- 1 to 256%
High Current		0 0 1	1 0 0 1 0			Limit- 1 to 256%
High Delta		0 0 1	1 0 0 1 1			Limit- 1 to 256%
Law Fraguency		0 0 1	1 0 1 0 1			Limit 1 to 2560/
Low Frequency		0 0 1	1 0 1 0 1			Limit- 1 to 256%
High Frequency		0 0 1	1 0 1 0 0			Limit- 1 to 256% per Hours
		0 0 1	1 0 1 0 1			Limit- 1 to 256% per Hours
Alarm Points	4					
Aux Info						
Low Voltage		0 1 0	0 0 0 0 0			Limit- 100+ 256
High Current		0 1 0	0 0 0 0 1			Limit- 1 to 256%
High Delta		0 1 0	0 0 0 1 0			Limit- 1 to 256%
Total Low		0 1 0	0 0 0 1 1			Limit- 1 to 256%
Tatal I liab		0 1 0	0 0 4 0 0			Limit 4 to 0500'
Total High		0 1 0	0 0 1 0 0			Limit- 1 to 256% per Hours
		0 1 0	0 0 1 0 1			Limit- 1 to 256% per Hours
Reading	5					

Aux Info	
	866

		Commun	ication pl	ĸt		Info F	Packet	1st Dat	ta Packet	2nd Data Pa	cket	3rd Data Packe	et
CURRENT	Dir F		Sensor		Info ID		Aux Info						
SENSOR													
SLINSON								1	1 1	2 0		flow rate 1	to 255 perd
	Min=	0% max i	reading w	rithin 5 mi	,								
DESCRIPTION		INF	O ID	AUX	INFO		INFO PKT-	1	INFO PK	T-2	INF	O PKT-3	
MAIN DATA	1			144	2-14-								
Aux Info Current		0 0	0 1	Instent I			Current Phase-R 19	% to 25.5%	Current Phase-Y	1% to 25.5%	Current Phase	se-B 1% to 25.5%	
Error / Fault	2												
Aux Info No Error		0 0	1 0	0 0	0 0						Batten/	/oltage 2~4.5	
NO ENO		0 0	1 0	0 0	0 0						Dattery	Voltage 2 4.5	
No Signal		0 0	1 0	0 0	0 1								
Sensor Fault		0 0	1 0	0 0	1 0								
Selisor Fault		0 0	1 0	0 0	1 0								
Low Battery		0 0	1 0	0 0	1 1						Battery \	/oltage 2~4.5	
Calibration Error		0 0	1 0	0 1	0 0								
Calibration Error		0 0	1 0	U	0 0								
Phase Sequence Error													
<b></b>													
Frequency													
Functional Points	3	То	be sent b	y controll	er								
Aux Info													
Low Current		0 0	1 1	0 0	0 0						Limit-	1 to 256%	
High Current		0 0	1 1	0 0	0 1						Limit-	1 to 256%	
High Delta		0 0	1 1	0 0	1 0						Limit-	1 to 256%	
Low Frequency		0 0	1 1	0 0	1 1						Limit-	1 to 256%	
High Frequency		0 0	1 1	0 1	0 0						Limit- 1 to	256% per Hours	
		0 0	1 1	0 1	0 1						Limit- 1 to	256% per Hours	
Alarm Points	4												
Aux Info													
Low Current		0 1	0 0	0 0	0 0						Limit-	1 to 256%	
High Current		0 1	0 0	0 0	0 1						Limit-	1 to 256%	
High Delta		0 1	0 0	0 0	1 0						Limit-	1 to 256%	
Total Low		0 1	0 0	0 0	1 1						Limit-	1 to 256%	
Total High		0 1	0 0	0 1	0 0						Limit- 1 to	256% per Hours	
		0 1	0 0	0 1	0 1						Limit- 1 to	256% per Hours	
Reading	5												

Aux Info																									
Total Amp Minute Reading		0	1	0	1 1	6 Da	ys st	amp	24 I	Hour	Stam	р	1-1	1638	4 Am	Min									
																				86.6					



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

Communication pkt	nfo Packet 1st D Aux Info	lata Packet 2nd Data	Packet 3rd Data Packet	
			Services 4 to	255
		1 1 2 0		255 percent per no
INFO ID AUX INFO	INFO PKT-1	INFO PKT-2	INFO PKT-3	
4				
1-0 0 0 0 1 0 0 0	LEVEL 1% to 255%	LEVEL 0.01% to 0.99%	Flow Rate 0- 256% / Hour	
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	
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	
2				
0 0 1 0 0 0 0 0			Battery Voltage 2~4.5	
0 0 1 0 0 0 1				
0 0 1 0 0 0 1 0				
0 0 1 0 0 0 1 1			Battery Voltage 2~4.5	
0 0 1 0 0 1 0 0				
To be sent by controller				
0 0 1 1 0 0 0 0			Limit- 1 to 256%	
0 0 1 1 0 0 0 1			Limit- 1 to 256%	
0 0 1 1 0 0 1 0			Limit- 1 to 256%	
0 0 1 1 0 0 1 1			Limit- 1 to 256%	
0 0 1 1 0 1 0 0			Limit- 1 to 256% per Hours	
0 0 1 1 0 1 0 1			Limit 1 to 256% per Hours	
			Elitile 1 to 230 % per riours	
4				
0 1 0 0 0 0 0			Limit- 1 to 256%	
0 1 0 0 0 0 1			Limit- 1 to 256%	
0 1 0 0 0 0 1 0			Limit- 1 to 256%	
0 1 0 0 0 1 1			Limit 1 to 2569/	
0 1 0 0 0 1 0 0			Limit- 1 to 256% per Hours	
0 1 0 0 0 1 0 1			Limit- 1 to 256% per Hours	
5				
Date Stamp				
	INFO ID AUX INFO  1 1-0 0 0 0 1 0 0 0 0 1 1-1 0 0 0 0 1 0 0 0 1 1-2 0 0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 1 0 1 0 0 1 0 0 0 1 1 1 0 0 1 0 0 0 1 1 1 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 0 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 0 1 1 1 0 0 1 1 0 1 0	INFO ID AUX INFO INFO PKT-1  1 10 0 0 0 1 0 0 0 0 1 LEVEL 1% to 255%  1-1 0 0 0 1 0 0 0 1 LEVEL 1% to 255%  1-2 0 0 0 1 0 0 0 1 0 LEVEL 1% to 255%  2 2 0 0 1 0 0 0 1 0 0 0 1 0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 0 0 0 1 1 0 0 0 0	NFO ID	1

Features of GSM Modem -	
1	