PidiSim

DiveLog Organisation

	LOGSTART	0
0	LogIdent	1
1	DiveTime (LOGEND)	s/min
2	MaxDepth (LOGEND)	cm
3	LogBlock (LOGEND)	NNNN
4	StartTime (HiWord)	s
5	StartTime (LoWord)	s
6	DiveLogNum	NNNN
7	FlightTime	min
8	DesatTime	min
9	SurfaceTime	min
10	InertPress	mbar
11	FillPress	cbar
12	AirPress	mbar
13	AirTemp	cK
14	Altitude	m
15	StatusWord	bit

	LOGINIT	1
0	LogIdent	2
1	LogTime	s/min
2	DiveDepth	cm
3	DecoCeil	cm
4	DecoDepth	cm
5	NullTime / DecoTime	s
6	DiveSpeed	%
7	DesatRate	%
8	DiverScore	%
9	OxDose	OTU
10	OxUnits	ppt
11	OxClock	ppt
12	WaterSalt	ppt
13	WaterTemp	cK
14	AccuPower	%
15	StatusWord	bit

	LOGMAJOR	2/4/6/8
0	LogIdent	3
1	LogTime	s/min
2	DiveDepth	cm
3	DecoCeil	cm
4	DecoDepth	cm
5	NullTime / DecoTime	s
6	DiveSpeed	%
7	AscentTime	s
8	GasTime	s
9	BreathRate	mbar/min
10	AmbPress	mbar
11	TankPress	cbar
12	OxPress	mbar
13	NiPress	mbar
14	HePress	mbar
15	StatusWord	bit

	LOGFAST	3/7
0	LogIdent	4
1	LogTime	s/min
2	DiveDepth	cm
3	DecoCeil	cm
4	DecoDepth	cm
5	NullTime / DecoTime	s
6	DiveSpeed	%
7	Tissue 0	mbar
8	Tissue 1	mbar
9	Tissue 2	mbar
10	Tissue 3	mbar
11	Tissue 4	mbar
12	Tissue 5	mbar
13	WaterTemp	cK
14	AccuPower	%
15	StatusWord	bit

	LOGMINOR	5
0	LogIdent	5
1	LogTime	s/min
2	DiveDepth	cm
3	DecoCeil	cm
4	DecoDepth	cm
5	NullTime / DecoTime	s
6	DiveSpeed	%
7	Tissue 6	mbar
8	Tissue 7	mbar
9	Tissue 8	mbar
10	Tissue 9	mbar
11	Tissue 10	mbar
12	Tissue 11	mbar
13	WaterTemp	cK
14	AccuPower	%
15	StatusWord	bit

	LOGSLOW	9
0	LogIdent	6
1	LogTime	s/min
2	DiveDepth	cm
3	DecoCeil	cm
4	DecoDepth	cm
5	NullTime / DecoTime	s
6	DiveSpeed	%
7	Tissue 12	mbar
8	Tissue 13	mbar
9	Tissue 14	mbar
10	Tissue 15	mbar
11	Tissue 16	mbar
12	TotalDecoGas	cbar
13	TotalDecoTime	s
14	WaterDens	g/dl
15	StatusWord	bit

	LOGEND	10
0	LogIdent	10
1	DiveTime	s/min
2	MaxDepth	cm
3	LogBlock	NNNN
4	EndTime (HiWord)	s
5	EndTime (LoWord)	s
6	DiveLogNum	NNNN
7	FlightTime	min
8	DesatTime	min
9	SurfaceTime	min
10	BreathRate (AVG)	mbar/min
11	TankPress	cbar
12	AirPress	mbar
13	AirTemp	cK
14	AccuPower	%
15	StatusWord	bit

	LOGGAS	on use
0	LogIdent	20
1	LogTime	s/min
2	DiveDepth	cm
3	DecoCeil	cm
4	DecoDepth	cm
5	NullTime / DecoTime	s
6	DiveSpeed	%
7	GasMix	N
8	OxFract	ppt
9	NiFract	ppt
10	HeFract	ppt
11	TankPress	cbar
12	OxPress	mbar
13	NiPress	mbar
14	HePress	mbar
15	StatusWord	bit

	LOGNAV	on use
0	LogIdent	30
1	LogTime	s/min
2	DiveDepth	cm
3	DecoCeil	cm
4	DecoDepth	cm
5	NullTime / DecoTime	s
6	DiveSpeed	%
7	HomeDist	dm
8	Bearing	ddeg
9	Heading	ddeg
10	SonarSignal	N
11	SoundSpeed	dm/s
12	WaterSalt	ppt
13	WaterTemp	cK
14	WaterDens	g/dl
15	StatusWord	bit

	LOGSET	on use
0	LogIdent	40
1	GlobalSet(0,1/30,31)	2 bytes
2	GlobalSet(2,3/32,33)	2 bytes
3	GlobalSet(4,5/34,35)	2 bytes
4	GlobalSet(6,7/36,37)	2 bytes
5	GlobalSet(8,9/38,39)	2 bytes
6	GlobalSet(10,11/40,41)	2 bytes
7	GlobalSet(12,13/42,43)	2 bytes
8	GlobalSet(14,15/44,45)	2 bytes
9	GlobalSet(16,17/46,47)	2 bytes
10	GlobalSet(18,19/48,49)	2 bytes
11	GlobalSet(20,21/50,51)	2 bytes
12	GlobalSet(22,23/52,53)	2 bytes
13	GlobalSet(24,25/54,55)	2 bytes
14	GlobalSet(26,27/56,57)	2 bytes
15	GlobalSet(28,29/58,59)	2 bytes

1 Cell = 1 Word = 2 Bytes   1 Block = 16 Word = 32 Bytes   LogIdent = LogType + DiveDayNum * HiByte   s/min = CompressTime(ms)