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MARSIS

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CHANGE RECORD

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1	JAN. 02	ALL	FIRST ISSUE OF THE DOCUMENT	
2	MAR. 02	ALL	Second issue of the document applicable to MARSIS DES code SW-A-1090 version 2.1	
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1. PURPOSE AND SCOPE

The document describes the structure of the MARSIS parameters' table implemented by the DES SW packages:

- SW-A-1090, "MARSIS DES PFM SW", version 1.1.

2. APPLICABLE AND REFERENCE DOCUMENTS

2.1. APPLICABLE DOCUMENTS

- [AD.1] DES - SOFTWARE REQUIREMENT DOCUMENT – TL 17019 – Issue 2
- [AD.2] MARSIS PACKET STRUCTURE DEFINITION – TL 16927 - Issue 4
- [AD.3] DES - SOFTWARE ARCHITECTURAL DESIGN – TL 17713 – Issue 1
- [AD.4] MOM: MIN-MAR-0066-ALS- ROME: 22/02/01
- [AD.5] MARSIS ON BOARD PROCESSING ALGORITHMS – TNO-MAR-037-ALS – Issue 2 – 10/10/01

4 MASTER DSP PARAMETER TABLE

4.1. DCG Configuration

According to the HW/SW ICD, 6 different DCG registers shall be programmed by the SW in order to make the DCG itself generate either the chirp or the local oscillation signal. These registers are:

- START_F_MSW (most significant bits of the start frequency)
- START_F_LSW (less significant bits of the start frequency)
- STEP_F_MSW (most significant bits of the step frequency)
- STEP_F_LSW (less significant bits of the step frequency)
- STEP_N (steps number)
- STEP_D (step duration)

The Master DSP PT includes therefore the values to be loaded into the 6 DCG registers for each Operative Mode, frequency band and signal type, that is to say given the Operative Mode the following set of parameters is stored into the PT:

START_F_MSW_CHIRP_Bx	START_F_MSW_LO_Bx
START_F_LSW_CHIRP_Bx	START_F_LSW_LO_Bx
STEP_F_MSW_CHIRP_Bx	STEP_F_MSW_LO_Bx
STEP_F_LSW_CHIRP_Bx	STEP_F_LSW_LO_Bx
STEP_N_CHIRP_Bx	STEP_N_LO_Bx
STEP_D_CHIRP_Bx	STEP_D_LO_Bx

Note that CHIRP settings are not present in case of Operative Modes with no transmission (Receive Only, PIS).

Also note that for the AIS Operative Mode only the start frequency settings for the chirp generation (START_F_MSW_CHIRP and START_F_LSW_CHIRP) are stored in the PT using a different strategy: a single PT word contains both the START_F_MSW and START_F_LSW as depicted below

AIS Chirp Start Frequency PT word:

47	LSB	31	LSB	16	15	0
START_F_MSW_CHIRP				START_F_LSW_CHIRP		Unrelevant bits ignored by SW (typically filled with zeroes)
AIS Chirp Start Frequency						

This has been done to reduce memory occupation, given that for the AIS Operative Mode only up to 2560 different frequencies are foreseen. These frequencies settings are stored in the PT using 16 different 160-words tables (AIS_TAB_0, AIS_TAB_1, ... , AIS_TAB_15).

4.2. RELATIVE ADDRESSES AND MEMORISED VALUES

PT Line Number	Parameter	Value	type
0	SCET_STAR	0x0	SCET
1	SCET_PERICENTER	0x0	SCET
2	Processing_PRF	127.267 ¹	32bit float
3	SCET_FINE Ticks per PRI	515	32bit int
4	HFC	131071.8	32bit float
5	SPARE	0x0	
6	SPARE	0x0	
7	Light_Speed	299792458.0	32bit float
8	RX_Dist_MIN	1600.0	32bit float
9	RX_Dist_MAX	5800.0	32bit float
10	a_H0	258.91	32bit float
11	a_H1	0.0	32bit float
12	a_H2	974.2	32bit float
13	a_H3	0.0	32bit float
14	a_H4	-194.18	32bit float
15	a_H5	0.0	32bit float
16	a_H6	44.278	32bit float
17	a_H7	0.0	32bit float
18	a_VR0	0.0	32bit float
19	a_VR1	1.9497	32bit float
20	a_VR2	0.0	32bit float
21	a_VR3	-0.8006	32bit float
22	a_VR4	0.0	32bit float
23	a_VR5	0.36515	32bit float
24	a_VR6	0.0	32bit float
25	a_VR7	-0.114	32bit float
26	a_VT0	4.341	32bit float
27	a_VT1	0.0	32bit float
28	a_VT2	-1.1549	32bit float
29	a_VT3	0.0	32bit float
30	a_VT4	0.50991	32bit float
31	a_VT5	0.0	32bit float

¹ if the value of this parameter is set to 0x0, the SW will refer to the PRF measured on board during the STANDBY Op. MODE of the current orbit

32	a_VT6	-0.1646	32bit float
33	a_VT7	0.0	32bit float
34	N0	36	32bit float
35	DS_Min	5500.0	32bit float
36	NB_Min	160	32bit int
37	IndEch_Starting_Frame_Number	3	32bit int
38	Restart_With_Code2	0x0**	N/A
39	SPARE	0x0	
40	OP_F1	1800169.0	32bit float
41	OP_F2	2999894.0	32bit float
42	OP_F3	4000092.0	32bit float
43	OP_F4	4999864.0	32bit float
44	λ_1	166.536	32bit float
45	λ_2	99.934	32bit float
46	λ_3	74.946	32bit float
47	λ_4	59.96	32bit float
48	γ_1	1.0	32bit float
49	γ_2	1.0	32bit float
50	γ_3	1.0	32bit float
51	γ_4	1.0	32bit float
52	SS2_DCEX_1 ¹	2	32bit int
53	SS2_DCEX_2 ¹	161	32bit int
54	SS2_DCEX_3 ¹	257	32bit int
55	RX_Dist_ACQ_Min	1600.0	32bit float
56	RX_Dist_ACQ_Max	5800.0	32bit float
57	Execute_Master_PM_Patch	0x0***	N/A
58	SPARE	0x0	
59	SPARE	0x0	
60	TO_Det_trk_H1	-7.0	32bit float
61	TO_Det_trk_H2	-15.0	32bit float
62	TO_Det_trk_H3	-20.0	32bit float
63	TO_Det_trk_H4	-27.0	32bit float
64	TO_Det_trk_H5	-33.0	32bit float
65	TO_Det_trk_H6	-40.0	32bit float
66	TO_Det_trk_H7	-46.0	32bit float

** in order to activate a warm restart on the master DSP with the 2nd code (the patchable one), the following 48bit string shall be patched at PT line number 38: 0xFFF2C0DE2FFF

¹ conditions:

- $1 \leq \text{SS2_DCEX_1} \leq 257$
- $\text{SS2_DCEX_1} \leq \text{SS2_DCEX_2} \leq (\text{SS2_DCEX_1} + 255)$
- $(\text{SS2_DCEX_2} + 1) \leq \text{SS2_DCEX_3} \leq \{512 - [255 - (\text{SS2_DCEX_2} - \text{SS2_DCEX_1})]\}$

*** in order to start executing the patch of the Master DSP PM, the following 48bit string shall be patched at PT line number 57: 0xFFFFDEADFFFF

67	TO_Det_trk_H8	-53.0	32bit float
68	TO_Det_acq_H1	-15.0	32bit float
69	TO_Det_acq_H2	-28.0	32bit float
70	TO_Det_acq_H3	-41.0	32bit float
71	TO_Det_acq_H4	-54.0	32bit float
72	TO_Det_acq_H5	-67.0	32bit float
73	TO_Det_acq_H6	-80.0	32bit float
74	TO_Det_acq_H7	-93.0	32bit float
75	TO_Det_acq_H8	-106.0	32bit float
76	H1_Thr	300000.0	32bit float
77	H2_Thr	340000.0	32bit float
78	H3_Thr	400000.0	32bit float
79	H4_Thr	480000.0	32bit float
80	H5_Thr	540000.0	32bit float
81	H6_Thr	620000.0	32bit float
82	H7_Thr	700000.0	32bit float
83	∂s_0	0.0	32bit float
84	∂s_1	0.00327	32bit float
85	∂s_2	0.00654	32bit float
86	∂s_3	0.00981	32bit float
87	∂s_4	0.01308	32bit float
88	∂s_5	0.01635	32bit float
89	∂s_6	0.01962	32bit float
90	∂s_7	0.02289	32bit float
91	∂s_8	0.02616	32bit float
92	∂s_9	0.02943	32bit float
93	∂s_10	0.0327	32bit float
94	∂s_11	0.03597	32bit float
95	∂s_12	0.03924	32bit float
96	∂s_13	0.04251	32bit float
97	∂s_14	0.04578	32bit float
98	∂s_15	0.04905	32bit float
99	DELTA_AGC	8.0	32bit float
100	DELTA_Frame_FSR ¹	0x0	32bit int
101	Force a2_0_cm from OST ²	0x0	
102	AGC_Point_SA_B1	0.0	32bit float
103	AGC_Point_SA_B2	0.0	32bit float

¹ the FSRM will be evaluated every *DELTA_Frame_FSR*: note that with the default value (0x0) the FSRM is evaluated at every frame; also with a value of 0x1 the evaluation is performed every frame, while 0x2 means the algorithm is executed one frame every two, 0x3 one frame every three, and so on

² this parameter shall be set to 0x1 to force the initialization of the *a2_0_cm* parameter with the value extracted from the OST

104	AGC_Point_SA_B3	0.0	32bit float
105	AGC_Point_SA_B4	0.0	32bit float
106	C_LOL_INI	-6	32bit int
107	SPARE	0x0	
108	SPARE	0x0	
109	POS_FX_I0N	0x1	32bit hex
110	POS_FX_B1	0x2	32bit hex
111	POS_FX_B2	0x3	32bit hex
112	POS_FX_B3	0x3	32bit hex
113	POS_FX_B4	0x3	32bit hex
114	FILTSEL_B0	0x5	32bit hex
115	FILTSEL_B1	0x4	

480	SS4_STEP_D_CHIRP_B1	0x505	32bit hex
481	SS4_STEP_D_CHIRP_B2	0x505	32bit hex
482	SS4_STEP_D_CHIRP_B3	0x505	32bit hex
483	SS4_STEP_D_CHIRP_B4	0x505	32bit hex
484	SS4_START_F_MSW_LO_B1	0x1600	32bit hex
485	SS4_START_F_MSW_LO_B2	0x1500	32bit hex
486	SS4_START_F_MSW_LO_B3	0x1e00	32bit hex
487	SS4_START_F_MSW_LO_B4	0x2700	32bit hex
488	SS4_START_F_LSW_LO_B1	0xdb01	32bit hex
489	SS4_START_F_LSW_LO_B2	0x701	32bit hex
490	SS4_START_F_LSW_LO_B3	0x2c01	32bit hex
491	SS4_START_F_LSW_LO_B4	0x5001	32bit hex
492	SS4_STEP_F_MSW_LO_B1	0x2	32bit hex
493	SS4_STEP_F_MSW_LO_B2	0x2	32bit hex
494	SS4_STEP_F_MSW_LO_B3	0x2	32bit hex
495	SS4_STEP_F_MSW_LO_B4	0x2	32bit hex
496	SS4_STEP_F_LSW_LO_B1	0x3	32bit hex
497	SS4_STEP_F_LSW_LO_B2	0x3	32bit hex
498	SS4_STEP_F_LSW_LO_B3	0x3	32bit hex
499	SS4_STEP_F_LSW_LO_B4	0x3	32bit hex
500	SS4_STEP_N_LO_B1	0x2064	32bit hex
501	SS4_STEP_N_LO_B2	0x2064	32bit hex
502	SS4_STEP_N_LO_B3	0x2064	32bit hex
503	SS4_STEP_N_LO_B4	0x2064	32bit hex
504	SS4_STEP_D_LO_B1	0x505	32bit hex
505	SS4_STEP_D_LO_B2	0x505	32bit hex
506	SS4_STEP_D_LO_B3	0x505	32bit hex
507	SS4_STEP_D_LO_B4	0x505	32bit hex
508	SS5_START_F_MSW_CHIRP_B1	0xb00	32bit hex
509	SS5_START_F_MSW_CHIRP_B2	0x1600	32bit hex
510	SS5_START_F_MSW_CHIRP_B3	0x2000	32bit hex
511	SS5_START_F_MSW_CHIRP_B4	0x2900	32bit hex
512	SS5_START_F_LSW_CHIRP_B1	0xe301	32bit hex
513	SS5_START_F_LSW_CHIRP_B2	0xdb01	32bit hex
514	SS5_START_F_LSW_CHIRP_B3	0x1	32bit hex
515	SS5_START_F_LSW_CHIRP_B4	0x2401	32bit hex
516	SS5_STEP_F_MSW_CHIRP_B1	0x3902	32bit hex
517	SS5_STEP_F_MSW_CHIRP_B2	0x3902	32bit hex
518	SS5_STEP_F_MSW_CHIRP_B3	0x3902	32bit hex
519	SS5_STEP_F_MSW_CHIRP_B4	0x3902	32bit hex
520	SS5_STEP_F_LSW_CHIRP_B1	0x1603	32bit hex
521	SS5_STEP_F_LSW_CHIRP_B2	0x1603	32bit hex
522	SS5_STEP_F_LSW_CHIRP_B3	0x1603	32bit hex

523	SS5_STEP_F_LSW_CHIRP_B4	0x1603	32bit hex
524	SS5_STEP_N_CHIRP_B1	0x2a4	32bit hex
525	SS5_STEP_N_CHIRP_B2	0x2a4	32bit hex
526	SS5_STEP_N_CHIRP_B3	0x2a4	32bit hex
527	SS5_STEP_N_CHIRP_B4	0x2a4	32bit hex
528	SS5_STEP_D_CHIRP_B1	0x505	32bit hex
529	SS5_STEP_D_CHIRP_B2	0x505	32bit hex
530	SS5_STEP_D_CHIRP_B3	0x505	32bit hex
531	SS5_STEP_D_CHIRP_B4	0x505	32bit hex
532	SS5_START_F_MSW_LO_B1	0x1600	32bit hex
533	SS5_START_F_MSW_LO_B2	0x1500	32bit hex
534	SS5_START_F_MSW_LO_B3	0x1e00	32bit hex
535	SS5_START_F_MSW_LO_B4	0x2700	32bit hex
536	SS5_START_F_LSW_LO_B1	0xdb01	32bit hex
537	SS5_START_F_LSW_LO_B2	0x701	32bit hex
538	SS5_START_F_LSW_LO_B3	0x2c01	32bit hex
539	SS5_START_F_LSW_LO_B4	0x5001	32bit hex
540	SS5_STEP_F_MSW_LO_B1	0x2	32bit hex
541	SS5_STEP_F_MSW_LO_B2	0x2	32bit hex
542	SS5_STEP_F_MSW_LO_B3	0x2	32bit hex
543	SS5_STEP_F_MSW_LO_B4	0x2	32bit hex
544	SS5_STEP_F_LSW_LO_B1	0x3	32bit hex
545	SS5_STEP_F_LSW_LO_B2	0x3	32bit hex
546	SS5_STEP_F_LSW_LO_B3	0x3	32bit hex
547	SS5_STEP_F_LSW_LO_B4	0x3	32bit hex
548	SS5_STEP_N_LO_B1	0x464	32bit hex
549	SS5_STEP_N_LO_B2	0x464	32bit hex
550	SS5_STEP_N_LO_B3	0x464	32bit hex
551	SS5_STEP_N_LO_B4	0x464	32bit hex
552	SS5_STEP_D_LO_B1	0x505	32bit hex
553	SS5_STEP_D_LO_B2	0x505	32bit hex
554	SS5_STEP_D_LO_B3	0x505	32bit hex
555	SS5_STEP_D_LO_B4	0x505	32bit hex
556	ACQ_EC_START_F_MSW_CHIRP_B1	0xf00	32bit hex
557	ACQ_EC_START_F_MSW_CHIRP_B2	0x1a00	32bit hex
558	ACQ_EC_START_F_MSW_CHIRP_B3	0x2300	32bit hex
559	ACQ_EC_START_F_MSW_CHIRP_B4	0x2c00	32bit hex
560	ACQ_EC_START_F_LSW_CHIRP_B1	0x8b01	32bit hex
561	ACQ_EC_START_F_LSW_CHIRP_B2	0x8401	32bit hex
562	ACQ_EC_START_F_LSW_CHIRP_B3	0xa801	32bit hex
563	ACQ_EC_START_F_LSW_CHIRP_B4	0xcd01	32bit hex
564	ACQ_EC_STEP_F_MSW_CHIRP_B1	0x102	32bit hex
565	ACQ_EC_STEP_F_MSW_CHIRP_B2	0x102	32bit hex

566	ACQ_EC_STEP_F_MSW_CHIRP_B3	0x102	32bit hex
567	ACQ_EC_STEP_F_MSW_CHIRP_B4	0x102	32bit hex
568	ACQ_EC_STEP_F_LSW_CHIRP_B1	0x5703	32bit hex
569	ACQ_EC_STEP_F_LSW_CHIRP_B2	0x5703	32bit hex
570	ACQ_EC_STEP_F_LSW_CHIRP_B3	0x5703	32bit hex
571	ACQ_EC_STEP_F_LSW_CHIRP_B4	0x5703	32bit hex
572	ACQ_EC_STEP_N_CHIRP_B1	0x15e4	32bit hex
573	ACQ_EC_STEP_N_CHIRP_B2	0x15e4	32bit hex
574	ACQ_EC_STEP_N_CHIRP_B3	0x15e4	32bit hex
575	ACQ_EC_STEP_N_CHIRP_B4	0x15e4	32bit hex
576	ACQ_EC_STEP_D_CHIRP_B1	0x505	32bit hex
577	ACQ_EC_STEP_D_CHIRP_B2	0x505	32bit hex
578	ACQ_EC_STEP_D_CHIRP_B3	0x505	32bit hex
579	ACQ_EC_STEP_D_CHIRP_B4	0x505	32bit hex
580	ACQ_EC_START_F_MSW_LO_B1	0x1600	32bit hex
581	ACQ_EC_START_F_MSW_LO_B2	0x1500	32bit hex
582	ACQ_EC_START_F_MSW_LO_B3	0x1e00	32bit hex
583	ACQ_EC_START_F_MSW_LO_B4	0x2700	32bit hex
584	ACQ_EC_START_F_LSW_LO_B1	0xdb01	32bit hex
585	ACQ_EC_START_F_LSW_LO_B2	0x701	32bit hex
586	ACQ_EC_START_F_LSW_LO_B3	0x2c01	32bit hex
587	ACQ_EC_START_F_LSW_LO_B4	0x5001	32bit hex
588	ACQ_EC_STEP_F_MSW_LO_B1	0x2	32bit hex
589	ACQ_EC_STEP_F_MSW_LO_B2	0x2	32bit hex
590	ACQ_EC_STEP_F_MSW_LO_B3	0x2	32bit hex
591	ACQ_EC_STEP_F_MSW_LO_B4	0x2	32bit hex
592	ACQ_EC_STEP_F_LSW_LO_B1	0x3	32bit hex
593	ACQ_EC_STEP_F_LSW_LO_B2	0x3	32bit hex
594	ACQ_EC_STEP_F_LSW_LO_B3	0x3	32bit hex
595	ACQ_EC_STEP_F_LSW_LO_B4	0x3	32bit hex
596	ACQ_EC_STEP_N_LO_B1	0x7c44	32bit hex
597	ACQ_EC_STEP_N_LO_B2	0x7c44	32bit hex
598	ACQ_EC_STEP_N_LO_B3	0x7c44	32bit hex
599	ACQ_EC_STEP_N_LO_B4	0x7c44	32bit hex
600	ACQ_EC_STEP_D_LO_B1	0x505	32bit hex
601	ACQ_EC_STEP_D_LO_B2	0x505	32bit hex
602	ACQ_EC_STEP_D_LO_B3	0x505	32bit hex
603	ACQ_EC_STEP_D_LO_B4	0x505	32bit hex
604	PIS_START_F_MSW_LO_B0	0x0	32bit hex
605	PIS_START_F_MSW_LO_B1	0x1600	32bit hex
606	PIS_START_F_MSW_LO_B2	0x1500	32bit hex
607	PIS_START_F_MSW_LO_B3	0x1e00	32bit hex
608	PIS_START_F_MSW_LO_B4	0x2700	32bit hex

609	PIS_START_F_LSW_LO_B0	0x1	32bit hex
610	PIS_START_F_LSW_LO_B1	0xdb01	32bit hex
611	PIS_START_F_LSW_LO_B2	0x701	32bit hex
612	PIS_START_F_LSW_LO_B3	0x2c01	32bit hex
613	PIS_START_F_LSW_LO_B4	0x5001	32bit hex
614	PIS_STEP_F_MSW_LO_B0	0x2	32bit hex
615	PIS_STEP_F_MSW_LO_B1	0x2	32bit hex
616	PIS_STEP_F_MSW_LO_B2	0x2	32bit hex
617	PIS_STEP_F_MSW_LO_B3	0x2	32bit hex
618	PIS_STEP_F_MSW_LO_B4	0x2	32bit hex
619	PIS_STEP_F_LSW_LO_B0	0x3	32bit hex
620	PIS_STEP_F_LSW_LO_B1	0x3	32bit hex
621	PIS_STEP_F_LSW_LO_B2	0x3	32bit hex
622	PIS_STEP_F_LSW_LO_B3	0x3	32bit hex
623	PIS_STEP_F_LSW_LO_B4	0x3	32bit hex
624	PIS_STEP_N_LO_B0	0x4	32bit hex
625	PIS_STEP_N_LO_B1	0x9c4	32bit hex
626	PIS_STEP_N_LO_B2	0x9c4	32bit hex
627	PIS_STEP_N_LO_B3	0x9c4	32bit hex
628	PIS_STEP_N_LO_B4	0x9c4	32bit hex
629	PIS_STEP_D_LO_B0	0x5	32bit hex
630	PIS_STEP_D_LO_B1	0x505	32bit hex
631	PIS_STEP_D_LO_B2	0x505	32bit hex
632	PIS_STEP_D_LO_B3	0x505	32bit hex
633	PIS_STEP_D_LO_B4	0x505	32bit hex
634	K_PIM	5	32bit int
635	AGC_PIS_B0	10.0	32bit float
636	AGC_PIS_B1	14.0	32bit float
637	AGC_PIS_B2	18.0	32bit float
638	AGC_PIS_B3	20.0	32bit float
639	AGC_PIS_B4	24.0	32bit float
640	SPARE	0x0	
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800	AGC_COLL_1_F1_H1	30.0	32bit float
801	AGC_COLL_1_F1_H2	26.0	32bit float
802	AGC_COLL_1_F1_H3	22.0	32bit float
803	AGC_COLL_1_F1_H4	18.0	32bit float
804	AGC_COLL_1_F1_H5	14.0	32bit float
805	AGC_COLL_1_F1_H6	10.0	32bit float
806	AGC_COLL_1_F1_H7	6.0	32bit float
807	AGC_COLL_1_F1_H8	2.0	32bit float
808	AGC_COLL_2_F1_H1	30.0	32bit float
809	AGC_COLL_2_F1_H2	26.0	32bit float
810	AGC_COLL_2_F1_H3	22.0	32bit float
811	AGC_COLL_2_F1_H4	18.0	32bit float
812	AGC_COLL_2_F1_H5	14.0	32bit float
813	AGC_COLL_2_F1_H6	10.0	32bit float
814	AGC_COLL_2_F1_H7	6.0	32bit float
815	AGC_COLL_2_F1_H8	2.0	32bit float
816	AGC_COLL_3_F1_H1	30.0	32bit float
817	AGC_COLL_3_F1_H2	26.0	32bit float
818	AGC_COLL_3_F1_H3	22.0	32bit float
819	AGC_COLL_3_F1_H4	18.0	32bit float
820	AGC_COLL_3_F1_H5	14.0	32bit float
821	AGC_COLL_3_F1_H6	10.0	32bit float
822	AGC_COLL_3_F1_H7	6.0	32bit float
823	AGC_COLL_3_F1_H8	2.0	32bit float

824	AGC_COLL_4_F1_H1	30.0	32bit float
825	AGC_COLL_4_F1_H2	26.0	32bit float
826	AGC_COLL_4_F1_H3	22.0	32bit float
827	AGC_COLL_4_F1_H4	18.0	32bit float
828	AGC_COLL_4_F1_H5	14.0	32bit float
829	AGC_COLL_4_F1_H6	10.0	32bit float
830	AGC_COLL_4_F1_H7	6.0	32bit float
831	AGC_COLL_4_F1_H8	2.0	32bit float
832	AGC_COLL_1_F2_H1	30.0	32bit float
833	AGC_COLL_1_F2_H2	26.0	32bit float
834	AGC_COLL_1_F2_H3	22.0	32bit float
835	AGC_COLL_1_F2_H4	18.0	32bit float
836	AGC_COLL_1_F2_H5	14.0	32bit float
837	AGC_COLL_1_F2_H6	10.0	32bit float
838	AGC_COLL_1_F2_H7	6.0	32bit float
839	AGC_COLL_1_F2_H8	2.0	32bit float
840	AGC_COLL_2_F2_H1	30.0	32bit float
841	AGC_COLL_2_F2_H2	26.0	32bit float
842	AGC_COLL_2_F2_H3	22.0	32bit float
843	AGC_COLL_2_F2_H4	18.0	32bit float
844	AGC_COLL_2_F2_H5	14.0	32bit float
845	AGC_COLL_2_F2_H6	10.0	32bit float
846	AGC_COLL_2_F2_H7	6.0	32bit float
847	AGC_COLL_2_F2_H8	2.0	32bit float
848	AGC_COLL_3_F2_H1	30.0	32bit float
849	AGC_COLL_3_F2_H2	26.0	32bit float
850	AGC_COLL_3_F2_H3	22.0	32bit float
851	AGC_COLL_3_F2_H4	18.0	32bit float
852	AGC_COLL_3_F2_H5	14.0	32bit float
853	AGC_COLL_3_F2_H6	10.0	32bit float
854	AGC_COLL_3_F2_H7	6.0	32bit float
855	AGC_COLL_3_F2_H8	2.0	32bit float
856	AGC_COLL_4_F2_H1	30.0	32bit float
857	AGC_COLL_4_F2_H2	26.0	32bit float
858	AGC_COLL_4_F2_H3	22.0	32bit float
859	AGC_COLL_4_F2_H4	18.0	32bit float
860	AGC_COLL_4_F2_H5	14.0	32bit float
861	AGC_COLL_4_F2_H6	10.0	32bit float
862	AGC_COLL_4_F2_H7	6.0	32bit float
863	AGC_COLL_4_F2_H8	2.0	32bit float
864	AGC_COLL_1_F3_H1	30.0	32bit float
865	AGC_COLL_1_F3_H2	26.0	32bit float
866	AGC_COLL_1_F3_H3	22.0	32bit float

867	AGC_COLL_1_F3_H4	18.0	32bit float
868	AGC_COLL_1_F3_H5	14.0	32bit float
869	AGC_COLL_1_F3_H6	10.0	32bit float
870	AGC_COLL_1_F3_H7	6.0	32bit float
871	AGC_COLL_1_F3_H8	2.0	32bit float
872	AGC_COLL_2_F3_H1	30.0	32bit float
873	AGC_COLL_2_F3_H2	26.0	32bit float
874	AGC_COLL_2_F3_H3	22.0	32bit float
875	AGC_COLL_2_F3_H4	18.0	32bit float
876	AGC_COLL_2_F3_H5	14.0	32bit float
877	AGC_COLL_2_F3_H6	10.0	32bit float
878	AGC_COLL_2_F3_H7	6.0	32bit float
879	AGC_COLL_2_F3_H8	2.0	32bit float
880	AGC_COLL_3_F3_H1	30.0	32bit float
881	AGC_COLL_3_F3_H2	26.0	32bit float
882	AGC_COLL_3_F3_H3	22.0	32bit float
883	AGC_COLL_3_F3_H4	18.0	32bit float
884	AGC_COLL_3_F3_H5	14.0	32bit float
885	AGC_COLL_3_F3_H6	10.0	32bit float
886	AGC_COLL_3_F3_H7	6.0	32bit float
887	AGC_COLL_3_F3_H8	2.0	32bit float
888	AGC_COLL_4_F3_H1	30.0	32bit float
889	AGC_COLL_4_F3_H2	26.0	32bit float
890	AGC_COLL_4_F3_H3	22.0	32bit float
891	AGC_COLL_4_F3_H4	18.0	32bit float
892	AGC_COLL_4_F3_H5	14.0	32bit float
893	AGC_COLL_4_F3_H6	10.0	32bit float
894	AGC_COLL_4_F3_H7	6.0	32bit float
895	AGC_COLL_4_F3_H8	2.0	32bit float
896	AGC_COLL_1_F4_H1	30.0	32bit float
897	AGC_COLL_1_F4_H2	26.0	32bit float
898	AGC_COLL_1_F4_H3	22.0	32bit float
899	AGC_COLL_1_F4_H4	18.0	32bit float
900	AGC_COLL_1_F4_H5	14.0	32bit float
901	AGC_COLL_1_F4_H6	10.0	32bit float
902	AGC_COLL_1_F4_H7	6.0	32bit float
903	AGC_COLL_1_F4_H8	2.0	32bit float
904	AGC_COLL_2_F4_H1	30.0	32bit float
905	AGC_COLL_2_F4_H2	26.0	32bit float
906	AGC_COLL_2_F4_H3	22.0	32bit float
907	AGC_COLL_2_F4_H4	18.0	32bit float
908	AGC_COLL_2_F4_H5	14.0	32bit float
909	AGC_COLL_2_F4_H6	10.0	32bit float

910	AGC_COLL_2_F4_H7	6.0	32bit float
911	AGC_COLL_2_F4_H8	2.0	32bit float
912	AGC_COLL_3_F4_H1	30.0	32bit float
913	AGC_COLL_3_F4_H2	26.0	32bit float
914	AGC_COLL_3_F4_H3	22.0	32bit float
915	AGC_COLL_3_F4_H4	18.0	32bit float
916	AGC_COLL_3_F4_H5	14.0	32bit float
917	AGC_COLL_3_F4_H6	10.0	32bit float
918	AGC_COLL_3_F4_H7	6.0	32bit float
919	AGC_COLL_3_F4_H8	2.0	32bit float
920	AGC_COLL_4_F4_H1	30.0	32bit float
921	AGC_COLL_4_F4_H2	26.0	32bit float
922	AGC_COLL_4_F4_H3	22.0	32bit float
923	AGC_COLL_4_F4_H4	18.0	32bit float
924	AGC_COLL_4_F4_H5	14.0	32bit float
925	AGC_COLL_4_F4_H6	10.0	32bit float
926	AGC_COLL_4_F4_H7	6.0	32bit float
927	AGC_COLL_4_F4_H8	2.0	32bit float
928	AIS_STEP_F_MSW_CHIRP_B0	0x2	32bit hex
929	AIS_STEP_F_MSW_CHIRP_B1	0x2	32bit hex
930	AIS_STEP_F_MSW_CHIRP_B2	0x2	32bit hex
931	AIS_STEP_F_MSW_CHIRP_B3	0x2	32bit hex
932	AIS_STEP_F_MSW_CHIRP_B4	0x2	32bit hex
933	AIS_STEP_F_LSW_CHIRP_B0	0x3	32bit hex
934	AIS_STEP_F_LSW_CHIRP_B1	0x3	32bit hex
935	AIS_STEP_F_LSW_CHIRP_B2	0x3	32bit hex
936	AIS_STEP_F_LSW_CHIRP_B3	0x3	32bit hex
937	AIS_STEP_F_LSW_CHIRP_B4	0x3	32bit hex
938	AIS_STEP_N_CHIRP_B0	0x34	32bit hex
939	AIS_STEP_N_CHIRP_B1	0x34	32bit hex
940	AIS_STEP_N_CHIRP_B2	0x34	32bit hex
941	AIS_STEP_N_CHIRP_B3	0x34	32bit hex
942	AIS_STEP_N_CHIRP_B4	0x34	32bit hex
943	AIS_STEP_D_CHIRP_B0	0xd505	32bit hex
944	AIS_STEP_D_CHIRP_B1	0xd505	32bit hex
945	AIS_STEP_D_CHIRP_B2	0xd505	32bit hex
946	AIS_STEP_D_CHIRP_B3	0xd505	32bit hex
947	AIS_STEP_D_CHIRP_B4	0xd505	32bit hex
948	AIS_START_F_MSW_LO_B0	0x0	32bit hex
949	AIS_START_F_MSW_LO_B1	0x1600	32bit hex
950	AIS_START_F_MSW_LO_B2	0x1500	32bit hex
951	AIS_START_F_MSW_LO_B3	0x1e00	32bit hex
952	AIS_START_F_MSW_LO_B4	0x2700	32bit hex

953	AIS_START_F_LSW_LO_B0	0x1	32bit hex
954	AIS_START_F_LSW_LO_B1	0xdb01	32bit hex
955	AIS_START_F_LSW_LO_B2	0x701	32bit hex
956	AIS_START_F_LSW_LO_B3	0x2c01	32bit hex
957	AIS_START_F_LSW_LO_B4	0x5001	32bit hex
958	AIS_STEP_F_MSW_LO_B0	0x2	32bit hex
959	AIS_STEP_F_MSW_LO_B1	0x2	32bit hex
960	AIS_STEP_F_MSW_LO_B2	0x2	32bit hex
961	AIS_STEP_F_MSW_LO_B3	0x2	32bit hex
962	AIS_STEP_F_MSW_LO_B4	0x2	32bit hex
963	AIS_STEP_F_LSW_LO_B0	0x3	32bit hex
964	AIS_STEP_F_LSW_LO_B1	0x3	32bit hex
965	AIS_STEP_F_LSW_LO_B2	0x3	32bit hex
966	AIS_STEP_F_LSW_LO_B3	0x3	32bit hex
967	AIS_STEP_F_LSW_LO_B4	0x3	32bit hex
968	AIS_STEP_N_LO_B0	0x4	32bit hex
969	AIS_STEP_N_LO_B1	0xc94	32bit hex
970	AIS_STEP_N_LO_B2	0xc94	32bit hex
971	AIS_STEP_N_LO_B3	0xc94	32bit hex
972	AIS_STEP_N_LO_B4	0xc94	32bit hex
973	AIS_STEP_D_LO_B0	0x5	32bit hex
974	AIS_STEP_D_LO_B1	0xff05	32bit hex
975	AIS_STEP_D_LO_B2	0xff05	32bit hex
976	AIS_STEP_D_LO_B3	0xff05	32bit hex
977	AIS_STEP_D_LO_B4	0xff05	32bit hex
978	SPARE	0x0	
979	SPARE	0x0	
980	SPARE	0x0	
981	SPARE	0x0	
982	SPARE	0x0	
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996	SPARE	0x0	
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998	SPARE	0x0	
999	SPARE	0x0	
1000	SPARE	0x0	
1001	SPARE	0x0	
1002	SPARE	0x0	
1003	SPARE	0x0	
1004	SPARE	0x0	
1005	SPARE	0x0	
1006	SPARE	0x0	
1007	SPARE	0x0	
1008	SPARE	0x0	
1009	SPARE	0x0	
1010	AIS_TAB_0	0x0000EA01	32bit hex
1011	“	0x01008401	32bit hex
1012	“	0x02001E01	32bit hex
1013	“	0x0200B801	32bit hex
1014	“	0x03005101	32bit hex
1015	“	0x0300EB01	32bit hex
1016	“	0x04008501	32bit hex
1017	“	0x05001F01	32bit hex
1018	“	0x0500B901	32bit hex
1019	“	0x06005301	32bit hex
1020	“	0x0600EC01	32bit hex
1021	“	0x07008601	32bit hex
1022	“	0x08002001	32bit hex
1023	“	0x0800BA01	32bit hex
1024	“	0x09005401	32bit hex
1025	“	0x0900EE01	32bit hex
1026	“	0x0A008701	32bit hex
1027	“	0x0B002101	32bit hex
1028	“	0x0B00BB01	32bit hex
1029	“	0x0C005501	32bit hex
1030	“	0x0C00EF01	32bit hex
1031	“	0x0D008901	32bit hex
1032	“	0x0E002201	32bit hex
1033	“	0x0E00BC01	32bit hex
1034	“	0x0F005601	32bit hex
1035	“	0x0F00F001	32bit hex
1036	“	0x10008A01	32bit hex
1037	“	0x11002401	32bit hex
1038	“	0x1100BE01	32bit hex

1039	“	0x12005701	32bit hex
1040	“	0x1200F101	32bit hex
1041	“	0x13008B01	32bit hex
1042	“	0x14002501	32bit hex
1043	“	0x1400BF01	32bit hex
1044	“	0x15005901	32bit hex
1045	“	0x1500A501	32bit hex
1046	“	0x1500F201	32bit hex
1047	“	0x16003F01	32bit hex
1048	“	0x16008C01	32bit hex
1049	“	0x1600D901	32bit hex
1050	“	0x17002601	32bit hex
1051	“	0x17007301	32bit hex
1052	“	0x1700C001	32bit hex
1053	“	0x18000D01	32bit hex
1054	“	0x18005A01	32bit hex
1055	“	0x1800A701	32bit hex
1056	“	0x1800F401	32bit hex
1057	“	0x19004001	32bit hex
1058	“	0x19008D01	32bit hex
1059	“	0x1900DA01	32bit hex
1060	“	0x1A002701	32bit hex
1061	“	0x1A007401	32bit hex
1062	“	0x1A00C101	32bit hex
1063	“	0x1B000E01	32bit hex
1064	“	0x1B005B01	32bit hex
1065	“	0x1B00A801	32bit hex
1066	“	0x1B00F501	32bit hex
1067	“	0x1C004201	32bit hex
1068	“	0x1C008F01	32bit hex
1069	“	0x1C00DC01	32bit hex
1070	“	0x1D002801	32bit hex
1071	“	0x1D007501	32bit hex
1072	“	0x1D00C201	32bit hex
1073	“	0x1E000F01	32bit hex
1074	“	0x1E005C01	32bit hex
1075	“	0x1E007601	32bit hex
1076	“	0x1E008F01	32bit hex
1077	“	0x1E00A901	32bit hex
1078	“	0x1E00C301	32bit hex
1079	“	0x1E00DC01	32bit hex
1080	“	0x1E00F601	32bit hex
1081	“	0x1F001001	32bit hex

1082	“	0x1F002901	32bit hex
1083	“	0x1F004301	32bit hex
1084	“	0x1F005D01	32bit hex
1085	“	0x1F007601	32bit hex
1086	“	0x1F009001	32bit hex
1087	“	0x1F00A901	32bit hex
1088	“	0x1F00C301	32bit hex
1089	“	0x1F00DD01	32bit hex
1090	“	0x1F00F601	32bit hex
1091	“	0x20001001	32bit hex
1092	“	0x20002A01	32bit hex
1093	“	0x20004301	32bit hex
1094	“	0x20005D01	32bit hex
1095	“	0x20007701	32bit hex
1096	“	0x20009001	32bit hex
1097	“	0x2000AA01	32bit hex
1098	“	0x2000C301	32bit hex
1099	“	0x2000DD01	32bit hex
1100	“	0x2000F701	32bit hex
1101	“	0x21001001	32bit hex
1102	“	0x21002A01	32bit hex
1103	“	0x21004401	32bit hex
1104	“	0x21005D01	32bit hex
1105	“	0x21007701	32bit hex
1106	“	0x21009101	32bit hex
1107	“	0x2100AA01	32bit hex
1108	“	0x2100C401	32bit hex
1109	“	0x2100DE01	32bit hex
1110	“	0x2100F701	32bit hex
1111	“	0x22001101	32bit hex
1112	“	0x22002A01	32bit hex
1113	“	0x22004401	32bit hex
1114	“	0x22005E01	32bit hex
1115	“	0x22007701	32bit hex
1116	“	0x22009101	32bit hex
1117	“	0x2200AB01	32bit hex
1118	“	0x2200C401	32bit hex
1119	“	0x2200DE01	32bit hex
1120	“	0x2200F801	32bit hex
1121	“	0x23001101	32bit hex
1122	“	0x23004401	32bit hex
1123	“	0x23007801	32bit hex
1124	“	0x2300AB01	32bit hex

1125	“	0x2300DE01	32bit hex
1126	“	0x24001201	32bit hex
1127	“	0x24004501	32bit hex
1128	“	0x24007801	32bit hex
1129	“	0x2400AB01	32bit hex
1130	“	0x2400DF01	32bit hex
1131	“	0x25001201	32bit hex
1132	“	0x25004501	32bit hex
1133	“	0x25007901	32bit hex
1134	“	0x2500AC01	32bit hex
1135	“	0x2500DF01	32bit hex
1136	“	0x26001201	32bit hex
1137	“	0x26004601	32bit hex
1138	“	0x26007901	32bit hex
1139	“	0x2600AC01	32bit hex
1140	“	0x2600DF01	32bit hex
1141	“	0x27001301	32bit hex
1142	“	0x27004601	32bit hex
1143	“	0x2700AD01	32bit hex
1144	“	0x28001301	32bit hex
1145	“	0x28007A01	32bit hex
1146	“	0x2800E001	32bit hex
1147	“	0x29004701	32bit hex
1148	“	0x2900AD01	32bit hex
1149	“	0x2A001401	32bit hex
1150	“	0x2A007B01	32bit hex
1151	“	0x2A00E101	32bit hex
1152	“	0x2B004801	32bit hex
1153	“	0x2B00AE01	32bit hex
1154	“	0x2C001501	32bit hex
1155	“	0x2C007B01	32bit hex
1156	“	0x2C00E201	32bit hex
1157	“	0x2D004801	32bit hex
1158	“	0x2D00AF01	32bit hex
1159	“	0x2E001601	32bit hex
1160	“	0x2E007C01	32bit hex
1161	“	0x2E00E301	32bit hex
1162	“	0x2F004901	32bit hex
1163	“	0x2F00B001	32bit hex
1164	“	0x30001601	32bit hex
1165	“	0x30007D01	32bit hex
1166	“	0x3000E301	32bit hex
1167	“	0x31004A01	32bit hex

1168	“	0x3100B101	32bit hex
1169	“	0x32001701	32bit hex
1170	AIS_TAB_1	0x0000EA01	32bit hex
1171	“	0x01008401	32bit hex
1172	“	0x02001E01	32bit hex
1173	“	0x0200B801	32bit hex
1174	“	0x03005101	32bit hex
1175	“	0x0300EB01	32bit hex
1176	“	0x04008501	32bit hex
1177	“	0x05001F01	32bit hex
1178	“	0x0500B901	32bit hex
1179	“	0x06005301	32bit hex
1180	“	0x0600EC01	32bit hex
1181	“	0x07008601	32bit hex
1182	“	0x08002001	32bit hex
1183	“	0x0800BA01	32bit hex
1184	“	0x09005401	32bit hex
1185	“	0x0900EE01	32bit hex
1186	“	0x0A008701	32bit hex
1187	“	0x0B002101	32bit hex
1188	“	0x0B00BB01	32bit hex
1189	“	0x0C005501	32bit hex
1190	“	0x0C00EF01	32bit hex
1191	“	0x0D008901	32bit hex
1192	“	0x0E002201	32bit hex
1193	“	0x0E00BC01	32bit hex
1194	“	0x0F005601	32bit hex
1195	“	0x0F00F001	32bit hex
1196	“	0x10008A01	32bit hex
1197	“	0x11002401	32bit hex
1198	“	0x1100BE01	32bit hex
1199	“	0x12005701	32bit hex
1200	“	0x1200F101	32bit hex
1201	“	0x13008B01	32bit hex
1202	“	0x14002501	32bit hex
1203	“	0x1400BF01	32bit hex
1204	“	0x15005901	32bit hex
1205	“	0x1500A501	32bit hex
1206	“	0x1500F201	32bit hex
1207	“	0x16003F01	32bit hex
1208	“	0x16008C01	32bit hex
1209	“	0x1600D901	32bit hex
1210	“	0x17002601	32bit hex

1211	“	0x17007301	32bit hex
1212	“	0x1700C001	32bit hex
1213	“	0x18000D01	32bit hex
1214	“	0x18005A01	32bit hex
1215	“	0x1800A701	32bit hex
1216	“	0x1800F401	32bit hex
1217	“	0x19004001	32bit hex
1218	“	0x19008D01	32bit hex
1219	“	0x1900DA01	32bit hex
1220	“	0x1A002701	32bit hex
1221	“	0x1A007401	32bit hex
1222	“	0x1A00C101	32bit hex
1223	“	0x1B000E01	32bit hex
1224	“	0x1B005B01	32bit hex
1225	“	0x1B00A801	32bit hex
1226	“	0x1B00F501	32bit hex
1227	“	0x1C004201	32bit hex
1228	“	0x1C008F01	32bit hex
1229	“	0x1C00DC01	32bit hex
1230	“	0x1D002801	32bit hex
1231	“	0x1D007501	32bit hex
1232	“	0x1D00C201	32bit hex
1233	“	0x1E000F01	32bit hex
1234	“	0x1E005C01	32bit hex
1235	“	0x1E007601	32bit hex
1236	“	0x1E008F01	32bit hex
1237	“	0x1E00A901	32bit hex
1238	“	0x1E00C301	32bit hex
1239	“	0x1E00DC01	32bit hex
1240	“	0x1E00F601	32bit hex
1241	“	0x1F001001	32bit hex
1242	“	0x1F002901	32bit hex
1243	“	0x1F004301	32bit hex
1244	“	0x1F005D01	32bit hex
1245	“	0x1F007601	32bit hex
1246	“	0x1F009001	32bit hex
1247	“	0x1F00A901	32bit hex
1248	“	0x1F00C301	32bit hex
1249	“	0x1F00DD01	32bit hex
1250	“	0x1F00F601	32bit hex
1251	“	0x20001001	32bit hex
1252	“	0x20002A01	32bit hex
1253	“	0x20004301	32bit hex

1254	“	0x20005D01	32bit hex
1255	“	0x20007701	32bit hex
1256	“	0x20009001	32bit hex
1257	“	0x2000AA01	32bit hex
1258	“	0x2000C301	32bit hex
1259	“	0x2000DD01	32bit hex
1260	“	0x2000F701	32bit hex
1261	“	0x21001001	32bit hex
1262	“	0x21002A01	32bit hex
1263	“	0x21004401	32bit hex
1264	“	0x21005D01	32bit hex
1265	“	0x21007701	32bit hex
1266	“	0x21009101	32bit hex
1267	“	0x2100AA01	32bit hex
1268	“	0x2100C401	32bit hex
1269	“	0x2100DE01	32bit hex
1270	“	0x2100F701	32bit hex
1271	“	0x22001101	32bit hex
1272	“	0x22002A01	32bit hex
1273	“	0x22004401	32bit hex
1274	“	0x22005E01	32bit hex
1275	“	0x22007701	32bit hex
1276	“	0x22009101	32bit hex
1277	“	0x2200AB01	32bit hex
1278	“	0x2200C401	32bit hex
1279	“	0x2200DE01	32bit hex
1280	“	0x2200F801	32bit hex
1281	“	0x23001101	32bit hex
1282	“	0x23004401	32bit hex
1283	“	0x23007801	32bit hex
1284	“	0x2300AB01	32bit hex
1285	“	0x2300DE01	32bit hex
1286	“	0x24001201	32bit hex
1287	“	0x24004501	32bit hex
1288	“	0x24007801	32bit hex
1289	“	0x2400AB01	32bit hex
1290	“	0x2400DF01	32bit hex
1291	“	0x25001201	32bit hex
1292	“	0x25004501	32bit hex
1293	“	0x25007901	32bit hex
1294	“	0x2500AC01	32bit hex
1295	“	0x2500DF01	32bit hex
1296	“	0x26001201	32bit hex

1297	“	0x26004601	32bit hex
1298	“	0x26007901	32bit hex
1299	“	0x2600AC01	32bit hex
1300	“	0x2600DF01	32bit hex
1301	“	0x27001301	32bit hex
1302	“	0x27004601	32bit hex
1303	“	0x2700AD01	32bit hex
1304	“	0x28001301	32bit hex
1305	“	0x28007A01	32bit hex
1306	“	0x2800E001	32bit hex
1307	“	0x29004701	32bit hex
1308	“	0x2900AD01	32bit hex
1309	“	0x2A001401	32bit hex
1310	“	0x2A007B01	32bit hex
1311	“	0x2A00E101	32bit hex
1312	“	0x2B004801	32bit hex
1313	“	0x2B00AE01	32bit hex
1314	“	0x2C001501	32bit hex
1315	“	0x2C007B01	32bit hex
1316	“	0x2C00E201	32bit hex
1317	“	0x2D004801	32bit hex
1318	“	0x2D00AF01	32bit hex
1319	“	0x2E001601	32bit hex
1320	“	0x2E007C01	32bit hex
1321	“	0x2E00E301	32bit hex
1322	“	0x2F004901	32bit hex
1323	“	0x2F00B001	32bit hex
1324	“	0x30001601	32bit hex
1325	“	0x30007D01	32bit hex
1326	“	0x3000E301	32bit hex
1327	“	0x31004A01	32bit hex
1328	“	0x3100B101	32bit hex
1329	“	0x32001701	32bit hex
1330	AIS_TAB_2	0x0000EA01	32bit hex
1331	“	0x01000D01	32bit hex
1332	“	0x01003001	32bit hex
1333	“	0x01005301	32bit hex
1334	“	0x01007601	32bit hex
1335	“	0x01009A01	32bit hex
1336	“	0x0100BD01	32bit hex
1337	“	0x0100E001	32bit hex
1338	“	0x02000301	32bit hex
1339	“	0x02002601	32bit hex

1340	“	0x02004901	32bit hex
1341	“	0x02006C01	32bit hex
1342	“	0x02008F01	32bit hex
1343	“	0x0200B201	32bit hex
1344	“	0x0200D601	32bit hex
1345	“	0x0200F901	32bit hex
1346	“	0x03001C01	32bit hex
1347	“	0x03003F01	32bit hex
1348	“	0x03006201	32bit hex
1349	“	0x03008501	32bit hex
1350	“	0x0300A801	32bit hex
1351	“	0x0300CB01	32bit hex
1352	“	0x0300EE01	32bit hex
1353	“	0x04001201	32bit hex
1354	“	0x04003501	32bit hex
1355	“	0x04005801	32bit hex
1356	“	0x04007B01	32bit hex
1357	“	0x04009E01	32bit hex
1358	“	0x0400C101	32bit hex
1359	“	0x0400E401	32bit hex
1360	“	0x05000701	32bit hex
1361	“	0x05002A01	32bit hex
1362	“	0x05004E01	32bit hex
1363	“	0x05007101	32bit hex
1364	“	0x05009401	32bit hex
1365	“	0x0500B701	32bit hex
1366	“	0x0500DA01	32bit hex
1367	“	0x0500FD01	32bit hex
1368	“	0x06002001	32bit hex
1369	“	0x06004301	32bit hex
1370	“	0x06006601	32bit hex
1371	“	0x06008901	32bit hex
1372	“	0x0600AD01	32bit hex
1373	“	0x0600D001	32bit hex
1374	“	0x0600F301	32bit hex
1375	“	0x07001601	32bit hex
1376	“	0x07003901	32bit hex
1377	“	0x07005C01	32bit hex
1378	“	0x07007F01	32bit hex
1379	“	0x0700A201	32bit hex
1380	“	0x0700C501	32bit hex
1381	“	0x0700E901	32bit hex
1382	“	0x08000C01	32bit hex

1383	“	0x08002F01	32bit hex
1384	“	0x08005201	32bit hex
1385	“	0x08007501	32bit hex
1386	“	0x08009801	32bit hex
1387	“	0x0800BB01	32bit hex
1388	“	0x0800DE01	32bit hex
1389	“	0x09000101	32bit hex
1390	“	0x09002501	32bit hex
1391	“	0x09004801	32bit hex
1392	“	0x09006B01	32bit hex
1393	“	0x09008E01	32bit hex
1394	“	0x0900B101	32bit hex
1395	“	0x0900D401	32bit hex
1396	“	0x0900F701	32bit hex
1397	“	0x0A001A01	32bit hex
1398	“	0x0A003D01	32bit hex
1399	“	0x0A006101	32bit hex
1400	“	0x0A008401	32bit hex
1401	“	0x0A00A701	32bit hex
1402	“	0x0A00CA01	32bit hex
1403	“	0x0A00ED01	32bit hex
1404	“	0x0B001001	32bit hex
1405	“	0x0B003301	32bit hex
1406	“	0x0B005601	32bit hex
1407	“	0x0B007901	32bit hex
1408	“	0x0B009C01	32bit hex
1409	“	0x0B00C001	32bit hex
1410	“	0x0B00E301	32bit hex
1411	“	0x0C000001	32bit hex
1412	“	0x0C001D01	32bit hex
1413	“	0x0C003A01	32bit hex
1414	“	0x0C005801	32bit hex
1415	“	0x0C007501	32bit hex
1416	“	0x0C009201	32bit hex
1417	“	0x0C00AF01	32bit hex
1418	“	0x0C00CD01	32bit hex
1419	“	0x0C00EA01	32bit hex
1420	“	0x0D000701	32bit hex
1421	“	0x0D002501	32bit hex
1422	“	0x0D004201	32bit hex
1423	“	0x0D005F01	32bit hex
1424	“	0x0D007C01	32bit hex
1425	“	0x0D009A01	32bit hex

1426	“	0x0D00B701	32bit hex
1427	“	0x0D00D401	32bit hex
1428	“	0x0D00F101	32bit hex
1429	“	0x0E000F01	32bit hex
1430	“	0x0E002C01	32bit hex
1431	“	0x0E004901	32bit hex
1432	“	0x0E006601	32bit hex
1433	“	0x0E008401	32bit hex
1434	“	0x0E00A101	32bit hex
1435	“	0x0E00BE01	32bit hex
1436	“	0x0E00DB01	32bit hex
1437	“	0x0E00F901	32bit hex
1438	“	0x0F001601	32bit hex
1439	“	0x0F003301	32bit hex
1440	“	0x0F005001	32bit hex
1441	“	0x0F006E01	32bit hex
1442	“	0x0F008B01	32bit hex
1443	“	0x0F00A801	32bit hex
1444	“	0x0F00C501	32bit hex
1445	“	0x0F00E301	32bit hex
1446	“	0x10000001	32bit hex
1447	“	0x10001D01	32bit hex
1448	“	0x10003A01	32bit hex
1449	“	0x10005801	32bit hex
1450	“	0x10007501	32bit hex
1451	“	0x10009201	32bit hex
1452	“	0x1000AF01	32bit hex
1453	“	0x1000CD01	32bit hex
1454	“	0x1000EA01	32bit hex
1455	“	0x11000701	32bit hex
1456	“	0x11002501	32bit hex
1457	“	0x11004201	32bit hex
1458	“	0x11005F01	32bit hex
1459	“	0x11007C01	32bit hex
1460	“	0x11009A01	32bit hex
1461	“	0x1100B701	32bit hex
1462	“	0x1100D401	32bit hex
1463	“	0x1100F101	32bit hex
1464	“	0x12000F01	32bit hex
1465	“	0x12002C01	32bit hex
1466	“	0x12004901	32bit hex
1467	“	0x12006601	32bit hex
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1469	“	0x1200A101	32bit hex
1470	“	0x1200BE01	32bit hex
1471	“	0x1200DB01	32bit hex
1472	“	0x1200F901	32bit hex
1473	“	0x13001601	32bit hex
1474	“	0x13003301	32bit hex
1475	“	0x13005001	32bit hex
1476	“	0x13006E01	32bit hex
1477	“	0x13008B01	32bit hex
1478	“	0x1300A801	32bit hex
1479	“	0x1300C501	32bit hex
1480	“	0x1300E301	32bit hex
1481	“	0x14000001	32bit hex
1482	“	0x14001D01	32bit hex
1483	“	0x14003A01	32bit hex
1484	“	0x14005801	32bit hex
1485	“	0x14007501	32bit hex
1486	“	0x14009201	32bit hex
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1491	“	0x01000D01	32bit hex
1492	“	0x01003001	32bit hex
1493	“	0x01005301	32bit hex
1494	“	0x01007601	32bit hex
1495	“	0x01009A01	32bit hex
1496	“	0x0100BD01	32bit hex
1497	“	0x0100E001	32bit hex
1498	“	0x02000301	32bit hex
1499	“	0x02002601	32bit hex
1500	“	0x02004901	32bit hex
1501	“	0x02006C01	32bit hex
1502	“	0x02008F01	32bit hex
1503	“	0x0200B201	32bit hex
1504	“	0x0200D601	32bit hex
1505	“	0x0200F901	32bit hex
1506	“	0x03001C01	32bit hex
1507	“	0x03003F01	32bit hex
1508	“	0x03006201	32bit hex
1509	“	0x03008501	32bit hex
1510	“	0x0300A801	32bit hex
1511	“	0x0300CB01	32bit hex

1512	“	0x0300EE01	32bit hex
1513	“	0x04001201	32bit hex
1514	“	0x04003501	32bit hex
1515	“	0x04005801	32bit hex
1516	“	0x04007B01	32bit hex
1517	“	0x04009E01	32bit hex
1518	“	0x0400C101	32bit hex
1519	“	0x0400E401	32bit hex
1520	“	0x05000701	32bit hex
1521	“	0x05002A01	32bit hex
1522	“	0x05004E01	32bit hex
1523	“	0x05007101	32bit hex
1524	“	0x05009401	32bit hex
1525	“	0x0500B701	32bit hex
1526	“	0x0500DA01	32bit hex
1527	“	0x0500FD01	32bit hex
1528	“	0x06002001	32bit hex
1529	“	0x06004301	32bit hex
1530	“	0x06006601	32bit hex
1531	“	0x06008901	32bit hex
1532	“	0x0600AD01	32bit hex
1533	“	0x0600D001	32bit hex
1534	“	0x0600F301	32bit hex
1535	“	0x07001601	32bit hex
1536	“	0x07003901	32bit hex
1537	“	0x07005C01	32bit hex
1538	“	0x07007F01	32bit hex
1539	“	0x0700A201	32bit hex
1540	“	0x0700C501	32bit hex
1541	“	0x0700E901	32bit hex
1542	“	0x08000C01	32bit hex
1543	“	0x08002F01	32bit hex
1544	“	0x08005201	32bit hex
1545	“	0x08007501	32bit hex
1546	“	0x08009801	32bit hex
1547	“	0x0800BB01	32bit hex
1548	“	0x0800DE01	32bit hex
1549	“	0x09000101	32bit hex
1550	“	0x09002501	32bit hex
1551	“	0x09004801	32bit hex
1552	“	0x09006B01	32bit hex
1553	“	0x09008E01	32bit hex
1554	“	0x0900B101	32bit hex

1555	“	0x0900D401	32bit hex
1556	“	0x0900F701	32bit hex
1557	“	0x0A001A01	32bit hex
1558	“	0x0A003D01	32bit hex
1559	“	0x0A006101	32bit hex
1560	“	0x0A008401	32bit hex
1561	“	0x0A00A701	32bit hex
1562	“	0x0A00CA01	32bit hex
1563	“	0x0A00ED01	32bit hex
1564	“	0x0B001001	32bit hex
1565	“	0x0B003301	32bit hex
1566	“	0x0B005601	32bit hex
1567	“	0x0B007901	32bit hex
1568	“	0x0B009C01	32bit hex
1569	“	0x0B00C001	32bit hex
1570	“	0x0B00E301	32bit hex
1571	“	0x0C000001	32bit hex
1572	“	0x0C001D01	32bit hex
1573	“	0x0C003A01	32bit hex
1574	“	0x0C005801	32bit hex
1575	“	0x0C007501	32bit hex
1576	“	0x0C009201	32bit hex
1577	“	0x0C00AF01	32bit hex
1578	“	0x0C00CD01	32bit hex
1579	“	0x0C00EA01	32bit hex
1580	“	0x0D000701	32bit hex
1581	“	0x0D002501	32bit hex
1582	“	0x0D004201	32bit hex
1583	“	0x0D005F01	32bit hex
1584	“	0x0D007C01	32bit hex
1585	“	0x0D009A01	32bit hex
1586	“	0x0D00B701	32bit hex
1587	“	0x0D00D401	32bit hex
1588	“	0x0D00F101	32bit hex
1589	“	0x0E000F01	32bit hex
1590	“	0x0E002C01	32bit hex
1591	“	0x0E004901	32bit hex
1592	“	0x0E006601	32bit hex
1593	“	0x0E008401	32bit hex
1594	“	0x0E00A101	32bit hex
1595	“	0x0E00BE01	32bit hex
1596	“	0x0E00DB01	32bit hex
1597	“	0x0E00F901	32bit hex

1598	“	0x0F001601	32bit hex
1599	“	0x0F003301	32bit hex
1600	“	0x0F005001	32bit hex
1601	“	0x0F006E01	32bit hex
1602	“	0x0F008B01	32bit hex
1603	“	0x0F00A801	32bit hex
1604	“	0x0F00C501	32bit hex
1605	“	0x0F00E301	32bit hex
1606	“	0x10000001	32bit hex
1607	“	0x10001D01	32bit hex
1608	“	0x10003A01	32bit hex
1609	“	0x10005801	32bit hex
1610	“	0x10007501	32bit hex
1611	“	0x10009201	32bit hex
1612	“	0x1000AF01	32bit hex
1613	“	0x1000CD01	32bit hex
1614	“	0x1000EA01	32bit hex
1615	“	0x11000701	32bit hex
1616	“	0x11002501	32bit hex
1617	“	0x11004201	32bit hex
1618	“	0x11005F01	32bit hex
1619	“	0x11007C01	32bit hex
1620	“	0x11009A01	32bit hex
1621	“	0x1100B701	32bit hex
1622	“	0x1100D401	32bit hex
1623	“	0x1100F101	32bit hex
1624	“	0x12000F01	32bit hex
1625	“	0x12002C01	32bit hex
1626	“	0x12004901	32bit hex
1627	“	0x12006601	32bit hex
1628	“	0x12008401	32bit hex
1629	“	0x1200A101	32bit hex
1630	“	0x1200BE01	32bit hex
1631	“	0x1200DB01	32bit hex
1632	“	0x1200F901	32bit hex
1633	“	0x13001601	32bit hex
1634	“	0x13003301	32bit hex
1635	“	0x13005001	32bit hex
1636	“	0x13006E01	32bit hex
1637	“	0x13008B01	32bit hex
1638	“	0x1300A801	32bit hex
1639	“	0x1300C501	32bit hex
1640	“	0x1300E301	32bit hex

1641	“	0x14000001	32bit hex
1642	“	0x14001D01	32bit hex
1643	“	0x14003A01	32bit hex
1644	“	0x14005801	32bit hex
1645	“	0x14007501	32bit hex
1646	“	0x14009201	32bit hex
1647	“	0x1400AF01	32bit hex
1648	“	0x1400CD01	32bit hex
1649	“	0x1400EA01	32bit hex
1650	AIS_TAB_4	0x1600DB01	32bit hex
1651	“	0x17000701	32bit hex
1652	“	0x17003301	32bit hex
1653	“	0x17005F01	32bit hex
1654	“	0x17008B01	32bit hex
1655	“	0x1700B701	32bit hex
1656	“	0x1700E301	32bit hex
1657	“	0x18000F01	32bit hex
1658	“	0x18003A01	32bit hex
1659	“	0x18006601	32bit hex
1660	“	0x18009201	32bit hex
1661	“	0x1800BE01	32bit hex
1662	“	0x1800EA01	32bit hex
1663	“	0x19001601	32bit hex
1664	“	0x19004201	32bit hex
1665	“	0x19006E01	32bit hex
1666	“	0x19009A01	32bit hex
1667	“	0x1900C501	32bit hex
1668	“	0x1900F101	32bit hex
1669	“	0x1A001D01	32bit hex
1670	“	0x1A004901	32bit hex
1671	“	0x1A007501	32bit hex
1672	“	0x1A00A101	32bit hex
1673	“	0x1A00CD01	32bit hex
1674	“	0x1A00F901	32bit hex
1675	“	0x1B002401	32bit hex
1676	“	0x1B005001	32bit hex
1677	“	0x1B007C01	32bit hex
1678	“	0x1B00A801	32bit hex
1679	“	0x1B00D401	32bit hex
1680	“	0x1C000001	32bit hex
1681	“	0x1C002C01	32bit hex
1682	“	0x1C005801	32bit hex
1683	“	0x1C008401	32bit hex

1684	“	0x1C00AF01	32bit hex
1685	“	0x1C00DB01	32bit hex
1686	“	0x1D000701	32bit hex
1687	“	0x1D003301	32bit hex
1688	“	0x1D005F01	32bit hex
1689	“	0x1D008B01	32bit hex
1690	“	0x1D00B701	32bit hex
1691	“	0x1D00E301	32bit hex
1692	“	0x1E000F01	32bit hex
1693	“	0x1E003A01	32bit hex
1694	“	0x1E006601	32bit hex
1695	“	0x1E009201	32bit hex
1696	“	0x1E00BE01	32bit hex
1697	“	0x1E00EA01	32bit hex
1698	“	0x1F001601	32bit hex
1699	“	0x1F004201	32bit hex
1700	“	0x1F006E01	32bit hex
1701	“	0x1F009901	32bit hex
1702	“	0x1F00C501	32bit hex
1703	“	0x1F00F101	32bit hex
1704	“	0x20001D01	32bit hex
1705	“	0x20004901	32bit hex
1706	“	0x20007501	32bit hex
1707	“	0x2000A101	32bit hex
1708	“	0x2000CD01	32bit hex
1709	“	0x2000F901	32bit hex
1710	“	0x21002401	32bit hex
1711	“	0x21005001	32bit hex
1712	“	0x21007C01	32bit hex
1713	“	0x2100A801	32bit hex
1714	“	0x2100D401	32bit hex
1715	“	0x22000001	32bit hex
1716	“	0x22002C01	32bit hex
1717	“	0x22005801	32bit hex
1718	“	0x22008401	32bit hex
1719	“	0x2200AF01	32bit hex
1720	“	0x2200DB01	32bit hex
1721	“	0x23000701	32bit hex
1722	“	0x23003301	32bit hex
1723	“	0x23005F01	32bit hex
1724	“	0x23008B01	32bit hex
1725	“	0x2300B701	32bit hex
1726	“	0x2300E301	32bit hex

1727	“	0x24000E01	32bit hex
1728	“	0x24003A01	32bit hex
1729	“	0x24006601	32bit hex
1730	“	0x24009201	32bit hex
1731	“	0x2400BE01	32bit hex
1732	“	0x2400EA01	32bit hex
1733	“	0x25001601	32bit hex
1734	“	0x25004201	32bit hex
1735	“	0x25006E01	32bit hex
1736	“	0x25009901	32bit hex
1737	“	0x2500C501	32bit hex
1738	“	0x2500F101	32bit hex
1739	“	0x26001D01	32bit hex
1740	“	0x26004901	32bit hex
1741	“	0x26007501	32bit hex
1742	“	0x2600A101	32bit hex
1743	“	0x2600CD01	32bit hex
1744	“	0x2600F901	32bit hex
1745	“	0x27002401	32bit hex
1746	“	0x27005001	32bit hex
1747	“	0x27007C01	32bit hex
1748	“	0x2700A801	32bit hex
1749	“	0x2700D401	32bit hex
1750	“	0x28000001	32bit hex
1751	“	0x28002C01	32bit hex
1752	“	0x28005801	32bit hex
1753	“	0x28008301	32bit hex
1754	“	0x2800AF01	32bit hex
1755	“	0x2800DB01	32bit hex
1756	“	0x29000701	32bit hex
1757	“	0x29003301	32bit hex
1758	“	0x29005F01	32bit hex
1759	“	0x29008B01	32bit hex
1760	“	0x2900B701	32bit hex
1761	“	0x2900E301	32bit hex
1762	“	0x2A000E01	32bit hex
1763	“	0x2A003A01	32bit hex
1764	“	0x2A006601	32bit hex
1765	“	0x2A009201	32bit hex
1766	“	0x2A00BE01	32bit hex
1767	“	0x2A00EA01	32bit hex
1768	“	0x2B001601	32bit hex
1769	“	0x2B004201	32bit hex

1770	“	0x2B006E01	32bit hex
1771	“	0x2B009901	32bit hex
1772	“	0x2B00C501	32bit hex
1773	“	0x2B00F101	32bit hex
1774	“	0x2C001D01	32bit hex
1775	“	0x2C004901	32bit hex
1776	“	0x2C007501	32bit hex
1777	“	0x2C00A101	32bit hex
1778	“	0x2C00CD01	32bit hex
1779	“	0x2C00F901	32bit hex
1780	“	0x2D002401	32bit hex
1781	“	0x2D005001	32bit hex
1782	“	0x2D007C01	32bit hex
1783	“	0x2D00A801	32bit hex
1784	“	0x2D00D401	32bit hex
1785	“	0x2E000001	32bit hex
1786	“	0x2E002C01	32bit hex
1787	“	0x2E005801	32bit hex
1788	“	0x2E008301	32bit hex
1789	“	0x2E00AF01	32bit hex
1790	“	0x2E00DB01	32bit hex
1791	“	0x2F000701	32bit hex
1792	“	0x2F003301	32bit hex
1793	“	0x2F005F01	32bit hex
1794	“	0x2F008B01	32bit hex
1795	“	0x2F00B701	32bit hex
1796	“	0x2F00E301	32bit hex
1797	“	0x30000E01	32bit hex
1798	“	0x30003A01	32bit hex
1799	“	0x30006601	32bit hex
1800	“	0x30009201	32bit hex
1801	“	0x3000BE01	32bit hex
1802	“	0x3000EA01	32bit hex
1803	“	0x31001601	32bit hex
1804	“	0x31004201	32bit hex
1805	“	0x31006E01	32bit hex
1806	“	0x31009901	32bit hex
1807	“	0x3100C501	32bit hex
1808	“	0x3100F101	32bit hex
1809	“	0x32001D01	32bit hex
1810	AIS_TAB_5	0x1600DB01	32bit hex
1811	“	0x17000701	32bit hex
1812	“	0x17003301	32bit hex

1813	“	0x17005F01	32bit hex
1814	“	0x17008B01	32bit hex
1815	“	0x1700B701	32bit hex
1816	“	0x1700E301	32bit hex
1817	“	0x18000F01	32bit hex
1818	“	0x18003A01	32bit hex
1819	“	0x18006601	32bit hex
1820	“	0x18009201	32bit hex
1821	“	0x1800BE01	32bit hex
1822	“	0x1800EA01	32bit hex
1823	“	0x19001601	32bit hex
1824	“	0x19004201	32bit hex
1825	“	0x19006E01	32bit hex
1826	“	0x19009A01	32bit hex
1827	“	0x1900C501	32bit hex
1828	“	0x1900F101	32bit hex
1829	“	0x1A001D01	32bit hex
1830	“	0x1A004901	32bit hex
1831	“	0x1A007501	32bit hex
1832	“	0x1A00A101	32bit hex
1833	“	0x1A00CD01	32bit hex
1834	“	0x1A00F901	32bit hex
1835	“	0x1B002401	32bit hex
1836	“	0x1B005001	32bit hex
1837	“	0x1B007C01	32bit hex
1838	“	0x1B00A801	32bit hex
1839	“	0x1B00D401	32bit hex
1840	“	0x1C000001	32bit hex
1841	“	0x1C002C01	32bit hex
1842	“	0x1C005801	32bit hex
1843	“	0x1C008401	32bit hex
1844	“	0x1C00AF01	32bit hex
1845	“	0x1C00DB01	32bit hex
1846	“	0x1D000701	32bit hex
1847	“	0x1D003301	32bit hex
1848	“	0x1D005F01	32bit hex
1849	“	0x1D008B01	32bit hex
1850	“	0x1D00B701	32bit hex
1851	“	0x1D00E301	32bit hex
1852	“	0x1E000F01	32bit hex
1853	“	0x1E003A01	32bit hex
1854	“	0x1E006601	32bit hex
1855	“	0x1E009201	32bit hex

1856	“	0x1E00BE01	32bit hex
1857	“	0x1E00EA01	32bit hex
1858	“	0x1F001601	32bit hex
1859	“	0x1F004201	32bit hex
1860	“	0x1F006E01	32bit hex
1861	“	0x1F009901	32bit hex
1862	“	0x1F00C501	32bit hex
1863	“	0x1F00F101	32bit hex
1864	“	0x20001D01	32bit hex
1865	“	0x20004901	32bit hex
1866	“	0x20007501	32bit hex
1867	“	0x2000A101	32bit hex
1868	“	0x2000CD01	32bit hex
1869	“	0x2000F901	32bit hex
1870	“	0x21002401	32bit hex
1871	“	0x21005001	32bit hex
1872	“	0x21007C01	32bit hex
1873	“	0x2100A801	32bit hex
1874	“	0x2100D401	32bit hex
1875	“	0x22000001	32bit hex
1876	“	0x22002C01	32bit hex
1877	“	0x22005801	32bit hex
1878	“	0x22008401	32bit hex
1879	“	0x2200AF01	32bit hex
1880	“	0x2200DB01	32bit hex
1881	“	0x23000701	32bit hex
1882	“	0x23003301	32bit hex
1883	“	0x23005F01	32bit hex
1884	“	0x23008B01	32bit hex
1885	“	0x2300B701	32bit hex
1886	“	0x2300E301	32bit hex
1887	“	0x24000E01	32bit hex
1888	“	0x24003A01	32bit hex
1889	“	0x24006601	32bit hex
1890	“	0x24009201	32bit hex
1891	“	0x2400BE01	32bit hex
1892	“	0x2400EA01	32bit hex
1893	“	0x25001601	32bit hex
1894	“	0x25004201	32bit hex
1895	“	0x25006E01	32bit hex
1896	“	0x25009901	32bit hex
1897	“	0x2500C501	32bit hex
1898	“	0x2500F101	32bit hex

1899	“	0x26001D01	32bit hex
1900	“	0x26004901	32bit hex
1901	“	0x26007501	32bit hex
1902	“	0x2600A101	32bit hex
1903	“	0x2600CD01	32bit hex
1904	“	0x2600F901	32bit hex
1905	“	0x27002401	32bit hex
1906	“	0x27005001	32bit hex
1907	“	0x27007C01	32bit hex
1908	“	0x2700A801	32bit hex
1909	“	0x2700D401	32bit hex
1910	“	0x28000001	32bit hex
1911	“	0x28002C01	32bit hex
1912	“	0x28005801	32bit hex
1913	“	0x28008301	32bit hex
1914	“	0x2800AF01	32bit hex
1915	“	0x2800DB01	32bit hex
1916	“	0x29000701	32bit hex
1917	“	0x29003301	32bit hex
1918	“	0x29005F01	32bit hex
1919	“	0x29008B01	32bit hex
1920	“	0x2900B701	32bit hex
1921	“	0x2900E301	32bit hex
1922	“	0x2A000E01	32bit hex
1923	“	0x2A003A01	32bit hex
1924	“	0x2A006601	32bit hex
1925	“	0x2A009201	32bit hex
1926	“	0x2A00BE01	32bit hex
1927	“	0x2A00EA01	32bit hex
1928	“	0x2B001601	32bit hex
1929	“	0x2B004201	32bit hex
1930	“	0x2B006E01	32bit hex
1931	“	0x2B009901	32bit hex
1932	“	0x2B00C501	32bit hex
1933	“	0x2B00F101	32bit hex
1934	“	0x2C001D01	32bit hex
1935	“	0x2C004901	32bit hex
1936	“	0x2C007501	32bit hex
1937	“	0x2C00A101	32bit hex
1938	“	0x2C00CD01	32bit hex
1939	“	0x2C00F901	32bit hex
1940	“	0x2D002401	32bit hex
1941	“	0x2D005001	32bit hex

1942	“	0x2D007C01	32bit hex
1943	“	0x2D00A801	32bit hex
1944	“	0x2D00D401	32bit hex
1945	“	0x2E000001	32bit hex
1946	“	0x2E002C01	32bit hex
1947	“	0x2E005801	32bit hex
1948	“	0x2E008301	32bit hex
1949	“	0x2E00AF01	32bit hex
1950	“	0x2E00DB01	32bit hex
1951	“	0x2F000701	32bit hex
1952	“	0x2F003301	32bit hex
1953	“	0x2F005F01	32bit hex
1954	“	0x2F008B01	32bit hex
1955	“	0x2F00B701	32bit hex
1956	“	0x2F00E301	32bit hex
1957	“	0x30000E01	32bit hex
1958	“	0x30003A01	32bit hex
1959	“	0x30006601	32bit hex
1960	“	0x30009201	32bit hex
1961	“	0x3000BE01	32bit hex
1962	“	0x3000EA01	32bit hex
1963	“	0x31001601	32bit hex
1964	“	0x31004201	32bit hex
1965	“	0x31006E01	32bit hex
1966	“	0x31009901	32bit hex
1967	“	0x3100C501	32bit hex
1968	“	0x3100F101	32bit hex
1969	“	0x32001D01	32bit hex
1970	AIS_TAB_6	0x1600DB01	32bit hex
1971	“	0x17000701	32bit hex
1972	“	0x17003301	32bit hex
1973	“	0x17005F01	32bit hex
1974	“	0x17008B01	32bit hex
1975	“	0x1700B701	32bit hex
1976	“	0x1700E301	32bit hex
1977	“	0x18000F01	32bit hex
1978	“	0x18003A01	32bit hex
1979	“	0x18006601	32bit hex
1980	“	0x18009201	32bit hex
1981	“	0x1800BE01	32bit hex
1982	“	0x1800EA01	32bit hex
1983	“	0x19001601	32bit hex
1984	“	0x19004201	32bit hex

1985	“	0x19006E01	32bit hex
1986	“	0x19009A01	32bit hex
1987	“	0x1900C501	32bit hex
1988	“	0x1900F101	32bit hex
1989	“	0x1A001D01	32bit hex
1990	“	0x1A004901	32bit hex
1991	“	0x1A007501	32bit hex
1992	“	0x1A00A101	32bit hex
1993	“	0x1A00CD01	32bit hex
1994	“	0x1A00F901	32bit hex
1995	“	0x1B002401	32bit hex
1996	“	0x1B005001	32bit hex
1997	“	0x1B007C01	32bit hex
1998	“	0x1B00A801	32bit hex
1999	“	0x1B00D401	32bit hex
2000	“	0x1C000001	32bit hex
2001	“	0x1C002C01	32bit hex
2002	“	0x1C005801	32bit hex
2003	“	0x1C008401	32bit hex
2004	“	0x1C00AF01	32bit hex
2005	“	0x1C00DB01	32bit hex
2006	“	0x1D000701	32bit hex
2007	“	0x1D003301	32bit hex
2008	“	0x1D005F01	32bit hex
2009	“	0x1D008B01	32bit hex
2010	“	0x1D00B701	32bit hex
2011	“	0x1D00E301	32bit hex
2012	“	0x1E000F01	32bit hex
2013	“	0x1E003A01	32bit hex
2014	“	0x1E006601	32bit hex
2015	“	0x1E009201	32bit hex
2016	“	0x1E00BE01	32bit hex
2017	“	0x1E00EA01	32bit hex
2018	“	0x1F001601	32bit hex
2019	“	0x1F004201	32bit hex
2020	“	0x1F006E01	32bit hex
2021	“	0x1F009901	32bit hex
2022	“	0x1F00C501	32bit hex
2023	“	0x1F00F101	32bit hex
2024	“	0x20001D01	32bit hex
2025	“	0x20004901	32bit hex
2026	“	0x20007501	32bit hex
2027	“	0x2000A101	32bit hex

2028	“	0x2000CD01	32bit hex
2029	“	0x2000F901	32bit hex
2030	“	0x21002401	32bit hex
2031	“	0x21005001	32bit hex
2032	“	0x21007C01	32bit hex
2033	“	0x2100A801	32bit hex
2034	“	0x2100D401	32bit hex
2035	“	0x22000001	32bit hex
2036	“	0x22002C01	32bit hex
2037	“	0x22005801	32bit hex
2038	“	0x22008401	32bit hex
2039	“	0x2200AF01	32bit hex
2040	“	0x2200DB01	32bit hex
2041	“	0x23000701	32bit hex
2042	“	0x23003301	32bit hex
2043	“	0x23005F01	32bit hex
2044	“	0x23008B01	32bit hex
2045	“	0x2300B701	32bit hex
2046	“	0x2300E301	32bit hex
2047	“	0x24000E01	32bit hex
2048	“	0x24003A01	32bit hex
2049	“	0x24006601	32bit hex
2050	“	0x24009201	32bit hex
2051	“	0x2400BE01	32bit hex
2052	“	0x2400EA01	32bit hex
2053	“	0x25001601	32bit hex
2054	“	0x25004201	32bit hex
2055	“	0x25006E01	32bit hex
2056	“	0x25009901	32bit hex
2057	“	0x2500C501	32bit hex
2058	“	0x2500F101	32bit hex
2059	“	0x26001D01	32bit hex
2060	“	0x26004901	32bit hex
2061	“	0x26007501	32bit hex
2062	“	0x2600A101	32bit hex
2063	“	0x2600CD01	32bit hex
2064	“	0x2600F901	32bit hex
2065	“	0x27002401	32bit hex
2066	“	0x27005001	32bit hex
2067	“	0x27007C01	32bit hex
2068	“	0x2700A801	32bit hex
2069	“	0x2700D401	32bit hex
2070	“	0x28000001	32bit hex

2071	“	0x28002C01	32bit hex
2072	“	0x28005801	32bit hex
2073	“	0x28008301	32bit hex
2074	“	0x2800AF01	32bit hex
2075	“	0x2800DB01	32bit hex
2076	“	0x29000701	32bit hex
2077	“	0x29003301	32bit hex
2078	“	0x29005F01	32bit hex
2079	“	0x29008B01	32bit hex
2080	“	0x2900B701	32bit hex
2081	“	0x2900E301	32bit hex
2082	“	0x2A000E01	32bit hex
2083	“	0x2A003A01	32bit hex
2084	“	0x2A006601	32bit hex
2085	“	0x2A009201	32bit hex
2086	“	0x2A00BE01	32bit hex
2087	“	0x2A00EA01	32bit hex
2088	“	0x2B001601	32bit hex
2089	“	0x2B004201	32bit hex
2090	“	0x2B006E01	32bit hex
2091	“	0x2B009901	32bit hex
2092	“	0x2B00C501	32bit hex
2093	“	0x2B00F101	32bit hex
2094	“	0x2C001D01	32bit hex
2095	“	0x2C004901	32bit hex
2096	“	0x2C007501	32bit hex
2097	“	0x2C00A101	32bit hex
2098	“	0x2C00CD01	32bit hex
2099	“	0x2C00F901	32bit hex
2100	“	0x2D002401	32bit hex
2101	“	0x2D005001	32bit hex
2102	“	0x2D007C01	32bit hex
2103	“	0x2D00A801	32bit hex
2104	“	0x2D00D401	32bit hex
2105	“	0x2E000001	32bit hex
2106	“	0x2E002C01	32bit hex
2107	“	0x2E005801	32bit hex
2108	“	0x2E008301	32bit hex
2109	“	0x2E00AF01	32bit hex
2110	“	0x2E00DB01	32bit hex
2111	“	0x2F000701	32bit hex
2112	“	0x2F003301	32bit hex
2113	“	0x2F005F01	32bit hex

2114	“	0x2F008B01	32bit hex
2115	“	0x2F00B701	32bit hex
2116	“	0x2F00E301	32bit hex
2117	“	0x30000E01	32bit hex
2118	“	0x30003A01	32bit hex
2119	“	0x30006601	32bit hex
2120	“	0x30009201	32bit hex
2121	“	0x3000BE01	32bit hex
2122	“	0x3000EA01	32bit hex
2123	“	0x31001601	32bit hex
2124	“	0x31004201	32bit hex
2125	“	0x31006E01	32bit hex
2126	“	0x31009901	32bit hex
2127	“	0x3100C501	32bit hex
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2129	“	0x32001D01	32bit hex
2130	AIS_TAB_7	0x1600DB01	32bit hex
2131	“	0x17000701	32bit hex
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2133	“	0x17005F01	32bit hex
2134	“	0x17008B01	32bit hex
2135	“	0x1700B701	32bit hex
2136	“	0x1700E301	32bit hex
2137	“	0x18000F01	32bit hex
2138	“	0x18003A01	32bit hex
2139	“	0x18006601	32bit hex
2140	“	0x18009201	32bit hex
2141	“	0x1800BE01	32bit hex
2142	“	0x1800EA01	32bit hex
2143	“	0x19001601	32bit hex
2144	“	0x19004201	32bit hex
2145	“	0x19006E01	32bit hex
2146	“	0x19009A01	32bit hex
2147	“	0x1900C501	32bit hex
2148	“	0x1900F101	32bit hex
2149	“	0x1A001D01	32bit hex
2150	“	0x1A004901	32bit hex
2151	“	0x1A007501	32bit hex
2152	“	0x1A00A101	32bit hex
2153	“	0x1A00CD01	32bit hex
2154	“	0x1A00F901	32bit hex
2155	“	0x1B002401	32bit hex
2156	“	0x1B005001	32bit hex

2157	“	0x1B007C01	32bit hex
2158	“	0x1B00A801	32bit hex
2159	“	0x1B00D401	32bit hex
2160	“	0x1C000001	32bit hex
2161	“	0x1C002C01	32bit hex
2162	“	0x1C005801	32bit hex
2163	“	0x1C008401	32bit hex
2164	“	0x1C00AF01	32bit hex
2165	“	0x1C00DB01	32bit hex
2166	“	0x1D000701	32bit hex
2167	“	0x1D003301	32bit hex
2168	“	0x1D005F01	32bit hex
2169	“	0x1D008B01	32bit hex
2170	“	0x1D00B701	32bit hex
2171	“	0x1D00E301	32bit hex
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2173	“	0x1E003A01	32bit hex
2174	“	0x1E006601	32bit hex
2175	“	0x1E009201	32bit hex
2176	“	0x1E00BE01	32bit hex
2177	“	0x1E00EA01	32bit hex
2178	“	0x1F001601	32bit hex
2179	“	0x1F004201	32bit hex
2180	“	0x1F006E01	32bit hex
2181	“	0x1F009901	32bit hex
2182	“	0x1F00C501	32bit hex
2183	“	0x1F00F101	32bit hex
2184	“	0x20001D01	32bit hex
2185	“	0x20004901	32bit hex
2186	“	0x20007501	32bit hex
2187	“	0x2000A101	32bit hex
2188	“	0x2000CD01	32bit hex
2189	“	0x2000F901	32bit hex
2190	“	0x21002401	32bit hex
2191	“	0x21005001	32bit hex
2192	“	0x21007C01	32bit hex
2193	“	0x2100A801	32bit hex
2194	“	0x2100D401	32bit hex
2195	“	0x22000001	32bit hex
2196	“	0x22002C01	32bit hex
2197	“	0x22005801	32bit hex
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2199	“	0x2200AF01	32bit hex

			32bit hex
2218	“	0x2500F101	32bit hex
2219	“	0x26001D01	32bit hex
2220	“	0x26004901	32bit hex
2221	“	0x26007501	32bit hex
2222	“	0x2600A101	32bit hex
2223	“	0x2600CD01	32bit hex
2224	“	0x2600F901	32bit hex
2225	“	0x27002401	32bit hex
2226	“	0x27005001	32bit hex
2227	“	0x27007C01	32bit hex
2228	“	0x2700A801	32bit hex
2229	“	0x2700D401	32bit hex
2230	“	0x28000001	32bit hex
2231	“	0x28002C01	32bit hex
2232	“	0x28005801	32bit hex
2233	“	0x28008301	32bit hex
2234	“	0x2800AF01	32bit hex
2235	“	0x2800DB01	32bit hex
2236	“	0x29000701	32bit hex
2237	“	0x29003301	32bit hex
2238	“	0x29005F01	32bit hex
2239	“	0x29008B01	32bit hex
2240	“	0x2900B701	32bit hex
2241	“	0x2900E301	32bit hex
2242	“	0x2A000E01	32bit hex

2243	“	0x2A003A01	32bit hex
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2245	“	0x2A009201	32bit hex
2246	“	0x2A00BE01	32bit hex
2247	“	0x2A00EA01	32bit hex
2248	“	0x2B001601	32bit hex
2249	“	0x2B004201	32bit hex
2250	“	0x2B006E01	32bit hex
2251	“	0x2B009901	32bit hex
2252	“	0x2B00C501	32bit hex
2253	“	0x2B00F101	32bit hex
2254	“	0x2C001D01	32bit hex
2255	“	0x2C004901	32bit hex
2256	“	0x2C007501	32bit hex
2257	“	0x2C00A101	32bit hex
2258	“	0x2C00CD01	32bit hex
2259	“	0x2C00F901	32bit hex
2260	“	0x2D002401	32bit hex
2261	“	0x2D005001	32bit hex
2262	“	0x2D007C01	32bit hex
2263	“	0x2D00A801	32bit hex
2264	“	0x2D00D401	32bit hex
2265	“	0x2E000001	32bit hex
2266	“	0x2E002C01	32bit hex
2267	“	0x2E005801	32bit hex
2268	“	0x2E008301	32bit hex
2269	“	0x2E00AF01	32bit hex
2270	“	0x2E00DB01	32bit hex
2271	“	0x2F000701	32bit hex
2272	“	0x2F003301	32bit hex
2273	“	0x2F005F01	32bit hex
2274	“	0x2F008B01	32bit hex
2275	“	0x2F00B701	32bit hex
2276	“	0x2F00E301	32bit hex
2277	“	0x30000E01	32bit hex
2278	“	0x30003A01	32bit hex
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2280	“	0x30009201	32bit hex
2281	“	0x3000BE01	32bit hex
2282	“	0x3000EA01	32bit hex
2283	“	0x31001601	32bit hex
2284	“	0x31004201	32bit hex
2285	“	0x31006E01	32bit hex

2286	“	0x31009901	32bit hex
2287	“	0x3100C501	32bit hex
2288	“	0x3100F101	32bit hex
2289	“	0x32001D01	32bit hex
2290	AIS_TAB_8	0x1600DB01	32bit hex
2291	“	0x17000701	32bit hex
2292	“	0x17003301	32bit hex
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2294	“	0x17008B01	32bit hex
2295	“	0x1700B701	32bit hex
2296	“	0x1700E301	32bit hex
2297	“	0x18000F01	32bit hex
2298	“	0x18003A01	32bit hex
2299	“	0x18006601	32bit hex
2300	“	0x18009201	32bit hex
2301	“	0x1800BE01	32bit hex
2302	“	0x1800EA01	32bit hex
2303	“	0x19001601	32bit hex
2304	“	0x19004201	32bit hex
2305	“	0x19006E01	32bit hex
2306	“	0x19009A01	32bit hex
2307	“	0x1900C501	32bit hex
2308	“	0x1900F101	32bit hex
2309	“	0x1A001D01	32bit hex
2310	“	0x1A004901	32bit hex
2311	“	0x1A007501	32bit hex
2312	“	0x1A00A101	32bit hex
2313	“	0x1A00CD01	32bit hex
2314	“	0x1A00F901	32bit hex
2315	“	0x1B002401	32bit hex
2316	“	0x1B005001	32bit hex
2317	“	0x1B007C01	32bit hex
2318	“	0x1B00A801	32bit hex
2319	“	0x1B00D401	32bit hex
2320	“	0x1C000001	32bit hex
2321	“	0x1C002C01	32bit hex
2322	“	0x1C005801	32bit hex
2323	“	0x1C008401	32bit hex
2324	“	0x1C00AF01	32bit hex
2325	“	0x1C00DB01	32bit hex
2326	“	0x1D000701	32bit hex
2327	“	0x1D003301	32bit hex
2328	“	0x1D005F01	32bit hex

2329	“	0x1D008B01	32bit hex
2330	“	0x1D00B701	32bit hex
2331	“	0x1D00E301	32bit hex
2332	“	0x1E000F01	32bit hex
2333	“	0x1E003A01	32bit hex
2334	“	0x1E006601	32bit hex
2335	“	0x1E009201	32bit hex
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2339	“	0x1F004201	32bit hex
2340	“	0x1F006E01	32bit hex
2341	“	0x1F009901	32bit hex
2342	“	0x1F00C501	32bit hex
2343	“	0x1F00F101	32bit hex
2344	“	0x20001D01	32bit hex
2345	“	0x20004901	32bit hex
2346	“	0x20007501	32bit hex
2347	“	0x2000A101	32bit hex
2348	“	0x2000CD01	32bit hex
2349	“	0x2000F901	32bit hex
2350	“	0x21002401	32bit hex
2351	“	0x21005001	32bit hex
2352	“	0x21007C01	32bit hex
2353	“	0x2100A801	32bit hex
2354	“	0x2100D401	32bit hex
2355	“	0x22000001	32bit hex
2356	“	0x22002C01	32bit hex
2357	“	0x22005801	32bit hex
2358	“	0x22008401	32bit hex
2359	“	0x2200AF01	32bit hex
2360	“	0x2200DB01	32bit hex
2361	“	0x23000701	32bit hex
2362	“	0x23003301	32bit hex
2363	“	0x23005F01	32bit hex
2364	“	0x23008B01	32bit hex
2365	“	0x2300B701	32bit hex
2366	“	0x2300E301	32bit hex
2367	“	0x24000E01	32bit hex
2368	“	0x24003A01	32bit hex
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2370	“	0x24009201	32bit hex
2371	“	0x2400BE01	32bit hex

2372	“	0x2400EA01	32bit hex
2373	“	0x25001601	32bit hex
2374	“	0x25004201	32bit hex
2375	“	0x25006E01	32bit hex
2376	“	0x25009901	32bit hex
2377	“	0x2500C501	32bit hex
2378	“	0x2500F101	32bit hex
2379	“	0x26001D01	32bit hex
2380	“	0x26004901	32bit hex
2381	“	0x26007501	32bit hex
2382	“	0x2600A101	32bit hex
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2386	“	0x27005001	32bit hex
2387	“	0x27007C01	32bit hex
2388	“	0x2700A801	32bit hex
2389	“	0x2700D401	32bit hex
2390	“	0x28000001	32bit hex
2391	“	0x28002C01	32bit hex
2392	“	0x28005801	32bit hex
2393	“	0x28008301	32bit hex
2394	“	0x2800AF01	32bit hex
2395	“	0x2800DB01	32bit hex
2396	“	0x29000701	32bit hex
2397	“	0x29003301	32bit hex
2398	“	0x29005F01	32bit hex
2399	“	0x29008B01	32bit hex
2400	“	0x2900B701	32bit hex
2401	“	0x2900E301	32bit hex
2402	“	0x2A000E01	32bit hex
2403	“	0x2A003A01	32bit hex
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2405	“	0x2A009201	32bit hex
2406	“	0x2A00BE01	32bit hex
2407	“	0x2A00EA01	32bit hex
2408	“	0x2B001601	32bit hex
2409	“	0x2B004201	32bit hex
2410	“	0x2B006E01	32bit hex
2411	“	0x2B009901	32bit hex
2412	“	0x2B00C501	32bit hex
2413	“	0x2B00F101	32bit hex
2414	“	0x2C001D01	32bit hex

2415	“	0x2C004901	32bit hex
2416	“	0x2C007501	32bit hex
2417	“	0x2C00A101	32bit hex
2418	“	0x2C00CD01	32bit hex
2419	“	0x2C00F901	32bit hex
2420	“	0x2D002401	32bit hex
2421	“	0x2D005001	32bit hex
2422	“	0x2D007C01	32bit hex
2423	“	0x2D00A801	32bit hex
2424	“	0x2D00D401	32bit hex
2425	“	0x2E000001	32bit hex
2426	“	0x2E002C01	32bit hex
2427	“	0x2E005801	32bit hex
2428	“	0x2E008301	32bit hex
2429	“	0x2E00AF01	32bit hex
2430	“	0x2E00DB01	32bit hex
2431	“	0x2F000701	32bit hex
2432	“	0x2F003301	32bit hex
2433	“	0x2F005F01	32bit hex
2434	“	0x2F008B01	32bit hex
2435	“	0x2F00B701	32bit hex
2436	“	0x2F00E301	32bit hex
2437	“	0x30000E01	32bit hex
2438	“	0x30003A01	32bit hex
2439	“	0x30006601	32bit hex
2440	“	0x30009201	32bit hex
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2443	“	0x31001601	32bit hex
2444	“	0x31004201	32bit hex
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2447	“	0x3100C501	32bit hex
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2453	“	0x17005F01	32bit hex
2454	“	0x17008B01	32bit hex
2455	“	0x1700B701	32bit hex
2456	“	0x1700E301	32bit hex
2457	“	0x18000F01	32bit hex

2458	“	0x18003A01	32bit hex
2459	“	0x18006601	32bit hex
2460	“	0x18009201	32bit hex
2461	“	0x1800BE01	32bit hex
2462	“	0x1800EA01	32bit hex
2463	“	0x19001601	32bit hex
2464	“	0x19004201	32bit hex
2465	“	0x19006E01	32bit hex
2466	“	0x19009A01	32bit hex
2467	“	0x1900C501	32bit hex
2468	“	0x1900F101	32bit hex
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2470	“	0x1A004901	32bit hex
2471	“	0x1A007501	32bit hex
2472	“	0x1A00A101	32bit hex
2473	“	0x1A00CD01	32bit hex
2474	“	0x1A00F901	32bit hex
2475	“	0x1B002401	32bit hex
2476	“	0x1B005001	32bit hex
2477	“	0x1B007C01	32bit hex
2478	“	0x1B00A801	32bit hex
2479	“	0x1B00D401	32bit hex
2480	“	0x1C000001	32bit hex
2481	“	0x1C002C01	32bit hex
2482	“	0x1C005801	32bit hex
2483	“	0x1C008401	32bit hex
2484	“	0x1C00AF01	32bit hex
2485	“	0x1C00DB01	32bit hex
2486	“	0x1D000701	32bit hex
2487	“	0x1D003301	32bit hex
2488	“	0x1D005F01	32bit hex
2489	“	0x1D008B01	32bit hex
2490	“	0x1D00B701	32bit hex
2491	“	0x1D00E301	32bit hex
2492	“	0x1E000F01	32bit hex
2493	“	0x1E003A01	32bit hex
2494	“	0x1E006601	32bit hex
2495	“	0x1E009201	32bit hex
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2497	“	0x1E00EA01	32bit hex
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2499	“	0x1F004201	32bit hex
2500	“	0x1F006E01	32bit hex

2501	“	0x1F009901	32bit hex
2502	“	0x1F00C501	32bit hex
2503	“	0x1F00F101	32bit hex
2504	“	0x20001D01	32bit hex
2505	“	0x20004901	32bit hex
2506	“	0x20007501	32bit hex
2507	“	0x2000A101	32bit hex
2508	“	0x2000CD01	32bit hex
2509	“	0x2000F901	32bit hex
2510	“	0x21002401	32bit hex
2511	“	0x21005001	32bit hex
2512	“	0x21007C01	32bit hex
2513	“	0x2100A801	32bit hex
2514	“	0x2100D401	32bit hex
2515	“	0x22000001	32bit hex
2516	“	0x22002C01	32bit hex
2517	“	0x22005801	32bit hex
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2521	“	0x23000701	32bit hex
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2524	“	0x23008B01	32bit hex
2525	“	0x2300B701	32bit hex
2526	“	0x2300E301	32bit hex
2527	“	0x24000E01	32bit hex
2528	“	0x24003A01	32bit hex
2529	“	0x24006601	32bit hex
2530	“	0x24009201	32bit hex
2531	“	0x2400BE01	32bit hex
2532	“	0x2400EA01	32bit hex
2533	“	0x25001601	32bit hex
2534	“	0x25004201	32bit hex
2535	“	0x25006E01	32bit hex
2536	“	0x25009901	32bit hex
2537	“	0x2500C501	32bit hex
2538	“	0x2500F101	32bit hex
2539	“	0x26001D01	32bit hex
2540	“	0x26004901	32bit hex
2541	“	0x26007501	32bit hex
2542	“	0x2600A101	32bit hex
2543	“	0x2600CD01	32bit hex

2544	“	0x2600F901	32bit hex
2545	“	0x27002401	32bit hex
2546	“	0x27005001	32bit hex
2547	“	0x27007C01	32bit hex
2548	“	0x2700A801	32bit hex
2549	“	0x2700D401	32bit hex
2550	“	0x28000001	32bit hex
2551	“	0x28002C01	32bit hex
2552	“	0x28005801	32bit hex
2553	“	0x28008301	32bit hex
2554	“	0x2800AF01	32bit hex
2555	“	0x2800DB01	32bit hex
2556	“	0x29000701	32bit hex
2557	“	0x29003301	32bit hex
2558	“	0x29005F01	32bit hex
2559	“	0x29008B01	32bit hex
2560	“	0x2900B701	32bit hex
2561	“	0x2900E301	32bit hex
2562	“	0x2A000E01	32bit hex
2563	“	0x2A003A01	32bit hex
2564	“	0x2A006601	32bit hex
2565	“	0x2A009201	32bit hex
2566	“	0x2A00BE01	32bit hex
2567	“	0x2A00EA01	32bit hex
2568	“	0x2B001601	32bit hex
2569	“	0x2B004201	32bit hex
2570	“	0x2B006E01	32bit hex
2571	“	0x2B009901	32bit hex
2572	“	0x2B00C501	32bit hex
2573	“	0x2B00F101	32bit hex
2574	“	0x2C001D01	32bit hex
2575	“	0x2C004901	32bit hex
2576	“	0x2C007501	32bit hex
2577	“	0x2C00A101	32bit hex
2578	“	0x2C00CD01	32bit hex
2579	“	0x2C00F901	32bit hex
2580	“	0x2D002401	32bit hex
2581	“	0x2D005001	32bit hex
2582	“	0x2D007C01	32bit hex
2583	“	0x2D00A801	32bit hex
2584	“	0x2D00D401	32bit hex
2585	“	0x2E000001	32bit hex
2586	“	0x2E002C01	32bit hex

2587	“	0x2E005801	32bit hex
2588	“	0x2E008301	32bit hex
2589	“	0x2E00AF01	32bit hex
2590	“	0x2E00DB01	32bit hex
2591	“	0x2F000701	32bit hex
2592	“	0x2F003301	32bit hex
2593	“	0x2F005F01	32bit hex
2594	“	0x2F008B01	32bit hex
2595	“	0x2F00B701	32bit hex
2596	“	0x2F00E301	32bit hex
2597	“	0x30000E01	32bit hex
2598	“	0x30003A01	32bit hex
2599	“	0x30006601	32bit hex
2600	“	0x30009201	32bit hex
2601	“	0x3000BE01	32bit hex
2602	“	0x3000EA01	32bit hex
2603	“	0x31001601	32bit hex
2604	“	0x31004201	32bit hex
2605	“	0x31006E01	32bit hex
2606	“	0x31009901	32bit hex
2607	“	0x3100C501	32bit hex
2608	“	0x3100F101	32bit hex
2609	“	0x32001D01	32bit hex
2610	AIS_TAB_10	0x1600DB01	32bit hex
2611	“	0x17000701	32bit hex
2612	“	0x17003301	32bit hex
2613	“	0x17005F01	32bit hex
2614	“	0x17008B01	32bit hex
2615	“	0x1700B701	32bit hex
2616	“	0x1700E301	32bit hex
2617	“	0x18000F01	32bit hex
2618	“	0x18003A01	32bit hex
2619	“	0x18006601	32bit hex
2620	“	0x18009201	32bit hex
2621	“	0x1800BE01	32bit hex
2622	“	0x1800EA01	32bit hex
2623	“	0x19001601	32bit hex
2624	“	0x19004201	32bit hex
2625	“	0x19006E01	32bit hex
2626	“	0x19009A01	32bit hex
2627	“	0x1900C501	32bit hex
2628	“	0x1900F101	32bit hex
2629	“	0x1A001D01	32bit hex

2630	“	0x1A004901	32bit hex
2631	“	0x1A007501	32bit hex
2632	“	0x1A00A101	32bit hex
2633	“	0x1A00CD01	32bit hex
2634	“	0x1A00F901	32bit hex
2635	“	0x1B002401	32bit hex
2636	“	0x1B005001	32bit hex
2637	“	0x1B007C01	32bit hex
2638	“	0x1B00A801	32bit hex
2639	“	0x1B00D401	32bit hex
2640	“	0x1C000001	32bit hex
2641	“	0x1C002C01	32bit hex
2642	“	0x1C005801	32bit hex
2643	“	0x1C008401	32bit hex
2644	“	0x1C00AF01	32bit hex
2645	“	0x1C00DB01	32bit hex
2646	“	0x1D000701	32bit hex
2647	“	0x1D003301	32bit hex
2648	“	0x1D005F01	32bit hex
2649	“	0x1D008B01	32bit hex
2650	“	0x1D00B701	32bit hex
2651	“	0x1D00E301	32bit hex
2652	“	0x1E000F01	32bit hex
2653	“	0x1E003A01	32bit hex
2654	“	0x1E006601	32bit hex
2655	“	0x1E009201	32bit hex
2656	“	0x1E00BE01	32bit hex
2657	“	0x1E00EA01	32bit hex
2658	“	0x1F001601	32bit hex
2659	“	0x1F004201	32bit hex
2660	“	0x1F006E01	32bit hex
2661	“	0x1F009901	32bit hex
2662	“	0x1F00C501	32bit hex
2663	“	0x1F00F101	32bit hex
2664	“	0x20001D01	32bit hex
2665	“	0x20004901	32bit hex
2666	“	0x20007501	32bit hex
2667	“	0x2000A101	32bit hex
2668	“	0x2000CD01	32bit hex
2669	“	0x2000F901	32bit hex
2670	“	0x21002401	32bit hex
2671	“	0x21005001	32bit hex
2672	“	0x21007C01	32bit hex

2673	“	0x2100A801	32bit hex
2674	“	0x2100D401	32bit hex
2675	“	0x22000001	32bit hex
2676	“	0x22002C01	32bit hex
2677	“	0x22005801	32bit hex
2678	“	0x22008401	32bit hex
2679	“	0x2200AF01	32bit hex
2680	“	0x2200DB01	32bit hex
2681	“	0x23000701	32bit hex
2682	“	0x23003301	32bit hex
2683	“	0x23005F01	32bit hex
2684	“	0x23008B01	32bit hex
2685	“	0x2300B701	32bit hex
2686	“	0x2300E301	32bit hex
2687	“	0x24000E01	32bit hex
2688	“	0x24003A01	32bit hex
2689	“	0x24006601	32bit hex
2690	“	0x24009201	32bit hex
2691	“	0x2400BE01	32bit hex
2692	“	0x2400EA01	32bit hex
2693	“	0x25001601	32bit hex
2694	“	0x25004201	32bit hex
2695	“	0x25006E01	32bit hex
2696	“	0x25009901	32bit hex
2697	“	0x2500C501	32bit hex
2698	“	0x2500F101	32bit hex
2699	“	0x26001D01	32bit hex
2700	“	0x26004901	32bit hex
2701	“	0x26007501	32bit hex
2702	“	0x2600A101	32bit hex
2703	“	0x2600CD01	32bit hex
2704	“	0x2600F901	32bit hex
2705	“	0x27002401	32bit hex
2706	“	0x27005001	32bit hex
2707	“	0x27007C01	32bit hex
2708	“	0x2700A801	32bit hex
2709	“	0x2700D401	32bit hex
2710	“	0x28000001	32bit hex
2711	“	0x28002C01	32bit hex
2712	“	0x28005801	32bit hex
2713	“	0x28008301	32bit hex
2714	“	0x2800AF01	32bit hex
2715	“	0x2800DB01	32bit hex

2716	“	0x29000701	32bit hex
2717	“	0x29003301	32bit hex
2718	“	0x29005F01	32bit hex
2719	“	0x29008B01	32bit hex
2720	“	0x2900B701	32bit hex
2721	“	0x2900E301	32bit hex
2722	“	0x2A000E01	32bit hex
2723	“	0x2A003A01	32bit hex
2724	“	0x2A006601	32bit hex
2725	“	0x2A009201	32bit hex
2726	“	0x2A00BE01	32bit hex
2727	“	0x2A00EA01	32bit hex
2728	“	0x2B001601	32bit hex
2729	“	0x2B004201	32bit hex
2730	“	0x2B006E01	32bit hex
2731	“	0x2B009901	32bit hex
2732	“	0x2B00C501	32bit hex
2733	“	0x2B00F101	32bit hex
2734	“	0x2C001D01	32bit hex
2735	“	0x2C004901	32bit hex
2736	“	0x2C007501	32bit hex
2737	“	0x2C00A101	32bit hex
2738	“	0x2C00CD01	32bit hex
2739	“	0x2C00F901	32bit hex
2740	“	0x2D002401	32bit hex
2741	“	0x2D005001	32bit hex
2742	“	0x2D007C01	32bit hex
2743	“	0x2D00A801	32bit hex
2744	“	0x2D00D401	32bit hex
2745	“	0x2E000001	32bit hex
2746	“	0x2E002C01	32bit hex
2747	“	0x2E005801	32bit hex
2748	“	0x2E008301	32bit hex
2749	“	0x2E00AF01	32bit hex
2750	“	0x2E00DB01	32bit hex
2751	“	0x2F000701	32bit hex
2752	“	0x2F003301	32bit hex
2753	“	0x2F005F01	32bit hex
2754	“	0x2F008B01	32bit hex
2755	“	0x2F00B701	32bit hex
2756	“	0x2F00E301	32bit hex
2757	“	0x30000E01	32bit hex
2758	“	0x30003A01	32bit hex

2759	“	0x30006601	32bit hex
2760	“	0x30009201	32bit hex
2761	“	0x3000BE01	32bit hex
2762	“	0x3000EA01	32bit hex
2763	“	0x31001601	32bit hex
2764	“	0x31004201	32bit hex
2765	“	0x31006E01	32bit hex
2766	“	0x31009901	32bit hex
2767	“	0x3100C501	32bit hex
2768	“	0x3100F101	32bit hex
2769	“	0x32001D01	32bit hex
2770	AIS_TAB_11	0x1600DB01	32bit hex
2771	“	0x17000701	32bit hex
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2773	“	0x17005F01	32bit hex
2774	“	0x17008B01	32bit hex
2775	“	0x1700B701	32bit hex
2776	“	0x1700E301	32bit hex
2777	“	0x18000F01	32bit hex
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2779	“	0x18006601	32bit hex
2780	“	0x18009201	32bit hex
2781	“	0x1800BE01	32bit hex
2782	“	0x1800EA01	32bit hex
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2784	“	0x19004201	32bit hex
2785	“	0x19006E01	32bit hex
2786	“	0x19009A01	32bit hex
2787	“	0x1900C501	32bit hex
2788	“	0x1900F101	32bit hex
2789	“	0x1A001D01	32bit hex
2790	“	0x1A004901	32bit hex
2791	“	0x1A007501	32bit hex
2792	“	0x1A00A101	32bit hex
2793	“	0x1A00CD01	32bit hex
2794	“	0x1A00F901	32bit hex
2795	“	0x1B002401	32bit hex
2796	“	0x1B005001	32bit hex
2797	“	0x1B007C01	32bit hex
2798	“	0x1B00A801	32bit hex
2799	“	0x1B00D401	32bit hex
2800	“	0x1C000001	32bit hex
2801	“	0x1C002C01	32bit hex

2802	“	0x1C005801	32bit hex
2803	“	0x1C008401	32bit hex
2804	“	0x1C00AF01	32bit hex
2805	“	0x1C00DB01	32bit hex
2806	“	0x1D000701	32bit hex
2807	“	0x1D003301	32bit hex
2808	“	0x1D005F01	32bit hex
2809	“	0x1D008B01	32bit hex
2810	“	0x1D00B701	32bit hex
2811	“	0x1D00E301	32bit hex
2812	“	0x1E000F01	32bit hex
2813	“	0x1E003A01	32bit hex
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2815	“	0x1E009201	32bit hex
2816	“	0x1E00BE01	32bit hex
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2818	“	0x1F001601	32bit hex
2819	“	0x1F004201	32bit hex
2820	“	0x1F006E01	32bit hex
2821	“	0x1F009901	32bit hex
2822	“	0x1F00C501	32bit hex
2823	“	0x1F00F101	32bit hex
2824	“	0x20001D01	32bit hex
2825	“	0x20004901	32bit hex
2826	“	0x20007501	32bit hex
2827	“	0x2000A101	32bit hex
2828	“	0x2000CD01	32bit hex
2829	“	0x2000F901	32bit hex
2830	“	0x21002401	32bit hex
2831	“	0x21005001	32bit hex
2832	“	0x21007C01	32bit hex
2833	“	0x2100A801	32bit hex
2834	“	0x2100D401	32bit hex
2835	“	0x22000001	32bit hex
2836	“	0x22002C01	32bit hex
2837	“	0x22005801	32bit hex
2838	“	0x22008401	32bit hex
2839	“	0x2200AF01	32bit hex
2840	“	0x2200DB01	32bit hex
2841	“	0x23000701	32bit hex
2842	“	0x23003301	32bit hex
2843	“	0x23005F01	32bit hex
2844	“	0x23008B01	32bit hex

2845	“	0x2300B701	32bit hex
2846	“	0x2300E301	32bit hex
2847	“	0x24000E01	32bit hex
2848	“	0x24003A01	32bit hex
2849	“	0x24006601	32bit hex
2850	“	0x24009201	32bit hex
2851	“	0x2400BE01	32bit hex
2852	“	0x2400EA01	32bit hex
2853	“	0x25001601	32bit hex
2854	“	0x25004201	32bit hex
2855	“	0x25006E01	32bit hex
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2857	“	0x2500C501	32bit hex
2858	“	0x2500F101	32bit hex
2859	“	0x26001D01	32bit hex
2860	“	0x26004901	32bit hex
2861	“	0x26007501	32bit hex
2862	“	0x2600A101	32bit hex
2863	“	0x2600CD01	32bit hex
2864	“	0x2600F901	32bit hex
2865	“	0x27002401	32bit hex
2866	“	0x27005001	32bit hex
2867	“	0x27007C01	32bit hex
2868	“	0x2700A801	32bit hex
2869	“	0x2700D401	32bit hex
2870	“	0x28000001	32bit hex
2871	“	0x28002C01	32bit hex
2872	“	0x28005801	32bit hex
2873	“	0x28008301	32bit hex
2874	“	0x2800AF01	32bit hex
2875	“	0x2800DB01	32bit hex
2876	“	0x29000701	32bit hex
2877	“	0x29003301	32bit hex
2878	“	0x29005F01	32bit hex
2879	“	0x29008B01	32bit hex
2880	“	0x2900B701	32bit hex
2881	“	0x2900E301	32bit hex
2882	“	0x2A000E01	32bit hex
2883	“	0x2A003A01	32bit hex
2884	“	0x2A006601	32bit hex
2885	“	0x2A009201	32bit hex
2886	“	0x2A00BE01	32bit hex
2887	“	0x2A00EA01	32bit hex

2888	“	0x2B001601	32bit hex
2889	“	0x2B004201	32bit hex
2890	“	0x2B006E01	32bit hex
2891	“	0x2B009901	32bit hex
2892	“	0x2B00C501	32bit hex
2893	“	0x2B00F101	32bit hex
2894	“	0x2C001D01	32bit hex
2895	“	0x2C004901	32bit hex
2896	“	0x2C007501	32bit hex
2897	“	0x2C00A101	32bit hex
2898	“	0x2C00CD01	32bit hex
2899	“	0x2C00F901	32bit hex
2900	“	0x2D002401	32bit hex
2901	“	0x2D005001	32bit hex
2902	“	0x2D007C01	32bit hex
2903	“	0x2D00A801	32bit hex
2904	“	0x2D00D401	32bit hex
2905	“	0x2E000001	32bit hex
2906	“	0x2E002C01	32bit hex
2907	“	0x2E005801	32bit hex
2908	“	0x2E008301	32bit hex
2909	“	0x2E00AF01	32bit hex
2910	“	0x2E00DB01	32bit hex
2911	“	0x2F000701	32bit hex
2912	“	0x2F003301	32bit hex
2913	“	0x2F005F01	32bit hex
2914	“	0x2F008B01	32bit hex
2915	“	0x2F00B701	32bit hex
2916	“	0x2F00E301	32bit hex
2917	“	0x30000E01	32bit hex
2918	“	0x30003A01	32bit hex
2919	“	0x30006601	32bit hex
2920	“	0x30009201	32bit hex
2921	“	0x3000BE01	32bit hex
2922	“	0x3000EA01	32bit hex
2923	“	0x31001601	32bit hex
2924	“	0x31004201	32bit hex
2925	“	0x31006E01	32bit hex
2926	“	0x31009901	32bit hex
2927	“	0x3100C501	32bit hex
2928	“	0x3100F101	32bit hex
2929	“	0x32001D01	32bit hex
2930	AIS_TAB_12	0x1600DB01	32bit hex

2931	“	0x17000701	32bit hex
2932	“	0x17003301	32bit hex
2933	“	0x17005F01	32bit hex
2934	“	0x17008B01	32bit hex
2935	“	0x1700B701	32bit hex
2936	“	0x1700E301	32bit hex
2937	“	0x18000F01	32bit hex
2938	“	0x18003A01	32bit hex
2939	“	0x18006601	32bit hex
2940	“	0x18009201	32bit hex
2941	“	0x1800BE01	32bit hex
2942	“	0x1800EA01	32bit hex
2943	“	0x19001601	32bit hex
2944	“	0x19004201	32bit hex
2945	“	0x19006E01	32bit hex
2946	“	0x19009A01	32bit hex
2947	“	0x1900C501	32bit hex
2948	“	0x1900F101	32bit hex
2949	“	0x1A001D01	32bit hex
2950	“	0x1A004901	32bit hex
2951	“	0x1A007501	32bit hex
2952	“	0x1A00A101	32bit hex
2953	“	0x1A00CD01	32bit hex
2954	“	0x1A00F901	32bit hex
2955	“	0x1B002401	32bit hex
2956	“	0x1B005001	32bit hex
2957	“	0x1B007C01	32bit hex
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2959	“	0x1B00D401	32bit hex
2960	“	0x1C000001	32bit hex
2961	“	0x1C002C01	32bit hex
2962	“	0x1C005801	32bit hex
2963	“	0x1C008401	32bit hex
2964	“	0x1C00AF01	32bit hex
2965	“	0x1C00DB01	32bit hex
2966	“	0x1D000701	32bit hex
2967	“	0x1D003301	32bit hex
2968	“	0x1D005F01	32bit hex
2969	“	0x1D008B01	32bit hex
2970	“	0x1D00B701	32bit hex
2971	“	0x1D00E301	32bit hex
2972	“	0x1E000F01	32bit hex
2973	“	0x1E003A01	32bit hex

2974	“	0x1E006601	32bit hex
2975	“	0x1E009201	32bit hex
2976	“	0x1E00BE01	32bit hex
2977	“	0x1E00EA01	32bit hex
2978	“	0x1F001601	32bit hex
2979	“	0x1F004201	32bit hex
2980	“	0x1F006E01	32bit hex
2981	“	0x1F009901	32bit hex
2982	“	0x1F00C501	32bit hex
2983	“	0x1F00F101	32bit hex
2984	“	0x20001D01	32bit hex
2985	“	0x20004901	32bit hex
2986	“	0x20007501	32bit hex
2987	“	0x2000A101	32bit hex
2988	“	0x2000CD01	32bit hex
2989	“	0x2000F901	32bit hex
2990	“	0x21002401	32bit hex
2991	“	0x21005001	32bit hex
2992	“	0x21007C01	32bit hex
2993	“	0x2100A801	32bit hex
2994	“	0x2100D401	32bit hex
2995	“	0x22000001	32bit hex
2996	“	0x22002C01	32bit hex
2997	“	0x22005801	32bit hex
2998	“	0x22008401	32bit hex
2999	“	0x2200AF01	32bit hex
3000	“	0x2200DB01	32bit hex
3001	“	0x23000701	32bit hex
3002	“	0x23003301	32bit hex
3003	“	0x23005F01	32bit hex
3004	“	0x23008B01	32bit hex
3005	“	0x2300B701	32bit hex
3006	“	0x2300E301	32bit hex
3007	“	0x24000E01	32bit hex
3008	“	0x24003A01	32bit hex
3009	“	0x24006601	32bit hex
3010	“	0x24009201	32bit hex
3011	“	0x2400BE01	32bit hex
3012	“	0x2400EA01	32bit hex
3013	“	0x25001601	32bit hex
3014	“	0x25004201	32bit hex
3015	“	0x25006E01	32bit hex
3016	“	0x25009901	32bit hex

3017	“	0x2500C501	32bit hex
3018	“	0x2500F101	32bit hex
3019	“	0x26001D01	32bit hex
3020	“	0x26004901	32bit hex
3021	“	0x26007501	32bit hex
3022	“	0x2600A101	32bit hex
3023	“	0x2600CD01	32bit hex
3024	“	0x2600F901	32bit hex
3025	“	0x27002401	32bit hex
3026	“	0x27005001	32bit hex
3027	“	0x27007C01	32bit hex
3028	“	0x2700A801	32bit hex
3029	“	0x2700D401	32bit hex
3030	“	0x28000001	32bit hex
3031	“	0x28002C01	32bit hex
3032	“	0x28005801	32bit hex
3033	“	0x28008301	32bit hex
3034	“	0x2800AF01	32bit hex
3035	“	0x2800DB01	32bit hex
3036	“	0x29000701	32bit hex
3037	“	0x29003301	32bit hex
3038	“	0x29005F01	32bit hex
3039	“	0x29008B01	32bit hex
3040	“	0x2900B701	32bit hex
3041	“	0x2900E301	32bit hex
3042	“	0x2A000E01	32bit hex
3043	“	0x2A003A01	32bit hex
3044	“	0x2A006601	32bit hex
3045	“	0x2A009201	32bit hex
3046	“	0x2A00BE01	32bit hex
3047	“	0x2A00EA01	32bit hex
3048	“	0x2B001601	32bit hex
3049	“	0x2B004201	32bit hex
3050	“	0x2B006E01	32bit hex
3051	“	0x2B009901	32bit hex
3052	“	0x2B00C501	32bit hex
3053	“	0x2B00F101	32bit hex
3054	“	0x2C001D01	32bit hex
3055	“	0x2C004901	32bit hex
3056	“	0x2C007501	32bit hex
3057	“	0x2C00A101	32bit hex
3058	“	0x2C00CD01	32bit hex
3059	“	0x2C00F901	32bit hex

3060	“	0x2D002401	32bit hex
3061	“	0x2D005001	32bit hex
3062	“	0x2D007C01	32bit hex
3063	“	0x2D00A801	32bit hex
3064	“	0x2D00D401	32bit hex
3065	“	0x2E000001	32bit hex
3066	“	0x2E002C01	32bit hex
3067	“	0x2E005801	32bit hex
3068	“	0x2E008301	32bit hex
3069	“	0x2E00AF01	32bit hex
3070	“	0x2E00DB01	32bit hex
3071	“	0x2F000701	32bit hex
3072	“	0x2F003301	32bit hex
3073	“	0x2F005F01	32bit hex
3074	“	0x2F008B01	32bit hex
3075	“	0x2F00B701	32bit hex
3076	“	0x2F00E301	32bit hex
3077	“	0x30000E01	32bit hex
3078	“	0x30003A01	32bit hex
3079	“	0x30006601	32bit hex
3080	“	0x30009201	32bit hex
3081	“	0x3000BE01	32bit hex
3082	“	0x3000EA01	32bit hex
3083	“	0x31001601	32bit hex
3084	“	0x31004201	32bit hex
3085	“	0x31006E01	32bit hex
3086	“	0x31009901	32bit hex
3087	“	0x3100C501	32bit hex
3088	“	0x3100F101	32bit hex
3089	“	0x32001D01	32bit hex
3090	AIS_TAB_13	0x1600DB01	32bit hex
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3094	“	0x17008B01	32bit hex
3095	“	0x1700B701	32bit hex
3096	“	0x1700E301	32bit hex
3097	“	0x18000F01	32bit hex
3098	“	0x18003A01	32bit hex
3099	“	0x18006601	32bit hex
3100	“	0x18009201	32bit hex
3101	“	0x1800BE01	32bit hex
3102	“	0x1800EA01	32bit hex

3103	“	0x19001601	32bit hex
3104	“	0x19004201	32bit hex
3105	“	0x19006E01	32bit hex
3106	“	0x19009A01	32bit hex
3107	“	0x1900C501	32bit hex
3108	“	0x1900F101	32bit hex
3109	“	0x1A001D01	32bit hex
3110	“	0x1A004901	32bit hex
3111	“	0x1A007501	32bit hex
3112	“	0x1A00A101	32bit hex
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3114	“	0x1A00F901	32bit hex
3115	“	0x1B002401	32bit hex
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3117	“	0x1B007C01	32bit hex
3118	“	0x1B00A801	32bit hex
3119	“	0x1B00D401	32bit hex
3120	“	0x1C000001	32bit hex
3121	“	0x1C002C01	32bit hex
3122	“	0x1C005801	32bit hex
3123	“	0x1C008401	32bit hex
3124	“	0x1C00AF01	32bit hex
3125	“	0x1C00DB01	32bit hex
3126	“	0x1D000701	32bit hex
3127	“	0x1D003301	32bit hex
3128	“	0x1D005F01	32bit hex
3129	“	0x1D008B01	32bit hex
3130	“	0x1D00B701	32bit hex
3131	“	0x1D00E301	32bit hex
3132	“	0x1E000F01	32bit hex
3133	“	0x1E003A01	32bit hex
3134	“	0x1E006601	32bit hex
3135	“	0x1E009201	32bit hex
3136	“	0x1E00BE01	32bit hex
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3139	“	0x1F004201	32bit hex
3140	“	0x1F006E01	32bit hex
3141	“	0x1F009901	32bit hex
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3144	“	0x20001D01	32bit hex
3145	“	0x20004901	32bit hex

3146	“	0x20007501	32bit hex
3147	“	0x2000A101	32bit hex
3148	“	0x2000CD01	32bit hex
3149	“	0x2000F901	32bit hex
3150	“	0x21002401	32bit hex
3151	“	0x21005001	32bit hex
3152	“	0x21007C01	32bit hex
3153	“	0x2100A801	32bit hex
3154	“	0x2100D401	32bit hex
3155	“	0x22000001	32bit hex
3156	“	0x22002C01	32bit hex
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3160	“	0x2200DB01	32bit hex
3161	“	0x23000701	32bit hex
3162	“	0x23003301	32bit hex
3163	“	0x23005F01	32bit hex
3164	“	0x23008B01	32bit hex
3165	“	0x2300B701	32bit hex
3166	“	0x2300E301	32bit hex
3167	“	0x24000E01	32bit hex
3168	“	0x24003A01	32bit hex
3169	“	0x24006601	32bit hex
3170	“	0x24009201	32bit hex
3171	“	0x2400BE01	32bit hex
3172	“	0x2400EA01	32bit hex
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3174	“	0x25004201	32bit hex
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3176	“	0x25009901	32bit hex
3177	“	0x2500C501	32bit hex
3178	“	0x2500F101	32bit hex
3179	“	0x26001D01	32bit hex
3180	“	0x26004901	32bit hex
3181	“	0x26007501	32bit hex
3182	“	0x2600A101	32bit hex
3183	“	0x2600CD01	32bit hex
3184	“	0x2600F901	32bit hex
3185	“	0x27002401	32bit hex
3186	“	0x27005001	32bit hex
3187	“	0x27007C01	32bit hex
3188	“	0x2700A801	32bit hex

3189	“	0x2700D401	32bit hex
3190	“	0x28000001	32bit hex
3191	“	0x28002C01	32bit hex
3192	“	0x28005801	32bit hex
3193	“	0x28008301	32bit hex
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3195	“	0x2800DB01	32bit hex
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3199	“	0x29008B01	32bit hex
3200	“	0x2900B701	32bit hex
3201	“	0x2900E301	32bit hex
3202	“	0x2A000E01	32bit hex
3203	“	0x2A003A01	32bit hex
3204	“	0x2A006601	32bit hex
3205	“	0x2A009201	32bit hex
3206	“	0x2A00BE01	32bit hex
3207	“	0x2A00EA01	32bit hex
3208	“	0x2B001601	32bit hex
3209	“	0x2B004201	32bit hex
3210	“	0x2B006E01	32bit hex
3211	“	0x2B009901	32bit hex
3212	“	0x2B00C501	32bit hex
3213	“	0x2B00F101	32bit hex
3214	“	0x2C001D01	32bit hex
3215	“	0x2C004901	32bit hex
3216	“	0x2C007501	32bit hex
3217	“	0x2C00A101	32bit hex
3218	“	0x2C00CD01	32bit hex
3219	“	0x2C00F901	32bit hex
3220	“	0x2D002401	32bit hex
3221	“	0x2D005001	32bit hex
3222	“	0x2D007C01	32bit hex
3223	“	0x2D00A801	32bit hex
3224	“	0x2D00D401	32bit hex
3225	“	0x2E000001	32bit hex
3226	“	0x2E002C01	32bit hex
3227	“	0x2E005801	32bit hex
3228	“	0x2E008301	32bit hex
3229	“	0x2E00AF01	32bit hex
3230	“	0x2E00DB01	32bit hex
3231	“	0x2F000701	32bit hex

3232	“	0x2F003301	32bit hex
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3239	“	0x30006601	32bit hex
3240	“	0x30009201	32bit hex
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3242	“	0x3000EA01	32bit hex
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3244	“	0x31004201	32bit hex
3245	“	0x31006E01	32bit hex
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3249	“	0x32001D01	32bit hex
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3254	“	0x17008B01	32bit hex
3255	“	0x1700B701	32bit hex
3256	“	0x1700E301	32bit hex
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3259	“	0x18006601	32bit hex
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3263	“	0x19001601	32bit hex
3264	“	0x19004201	32bit hex
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3268	“	0x1900F101	32bit hex
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3270	“	0x1A004901	32bit hex
3271	“	0x1A007501	32bit hex
3272	“	0x1A00A101	32bit hex
3273	“	0x1A00CD01	32bit hex
3274	“	0x1A00F901	32bit hex

3275	“	0x1B002401	32bit hex
3276	“	0x1B005001	32bit hex
3277	“	0x1B007C01	32bit hex
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3279	“	0x1B00D401	32bit hex
3280	“	0x1C000001	32bit hex
3281	“	0x1C002C01	32bit hex
3282	“	0x1C005801	32bit hex
3283	“	0x1C008401	32bit hex
3284	“	0x1C00AF01	32bit hex
3285	“	0x1C00DB01	32bit hex
3286	“	0x1D000701	32bit hex
3287	“	0x1D003301	32bit hex
3288	“	0x1D005F01	32bit hex
3289	“	0x1D008B01	32bit hex
3290	“	0x1D00B701	32bit hex
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3292	“	0x1E000F01	32bit hex
3293	“	0x1E003A01	32bit hex
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3295	“	0x1E009201	32bit hex
3296	“	0x1E00BE01	32bit hex
3297	“	0x1E00EA01	32bit hex
3298	“	0x1F001601	32bit hex
3299	“	0x1F004201	32bit hex
3300	“	0x1F006E01	32bit hex
3301	“	0x1F009901	32bit hex
3302	“	0x1F00C501	32bit hex
3303	“	0x1F00F101	32bit hex
3304	“	0x20001D01	32bit hex
3305	“	0x20004901	32bit hex
3306	“	0x20007501	32bit hex
3307	“	0x2000A101	32bit hex
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3309	“	0x2000F901	32bit hex
3310	“	0x21002401	32bit hex
3311	“	0x21005001	32bit hex
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3313	“	0x2100A801	32bit hex
3314	“	0x2100D401	32bit hex
3315	“	0x22000001	32bit hex
3316	“	0x22002C01	32bit hex
3317	“	0x22005801	32bit hex

3318	“	0x22008401	32bit hex
3319	“	0x2200AF01	32bit hex
3320	“	0x2200DB01	32bit hex
3321	“	0x23000701	32bit hex
3322	“	0x23003301	32bit hex
3323	“	0x23005F01	32bit hex
3324	“	0x23008B01	32bit hex
3325	“	0x2300B701	32bit hex
3326	“	0x2300E301	32bit hex
3327	“	0x24000E01	32bit hex
3328	“	0x24003A01	32bit hex
3329	“	0x24006601	32bit hex
3330	“	0x24009201	32bit hex
3331	“	0x2400BE01	32bit hex
3332	“	0x2400EA01	32bit hex
3333	“	0x25001601	32bit hex
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3335	“	0x25006E01	32bit hex
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3337	“	0x2500C501	32bit hex
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3339	“	0x26001D01	32bit hex
3340	“	0x26004901	32bit hex
3341	“	0x26007501	32bit hex
3342	“	0x2600A101	32bit hex
3343	“	0x2600CD01	32bit hex
3344	“	0x2600F901	32bit hex
3345	“	0x27002401	32bit hex
3346	“	0x27005001	32bit hex
3347	“	0x27007C01	32bit hex
3348	“	0x2700A801	32bit hex
3349	“	0x2700D401	32bit hex
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3351	“	0x28002C01	32bit hex
3352	“	0x28005801	32bit hex
3353	“	0x28008301	32bit hex
3354	“	0x2800AF01	32bit hex
3355	“	0x2800DB01	32bit hex
3356	“	0x29000701	32bit hex
3357	“	0x29003301	32bit hex
3358	“	0x29005F01	32bit hex
3359	“	0x29008B01	32bit hex
3360	“	0x2900B701	32bit hex

3361	“	0x2900E301	32bit hex
3362	“	0x2A000E01	32bit hex
3363	“	0x2A003A01	32bit hex
3364	“	0x2A006601	32bit hex
3365	“	0x2A009201	32bit hex
3366	“	0x2A00BE01	32bit hex
3367	“	0x2A00EA01	32bit hex
3368	“	0x2B001601	32bit hex
3369	“	0x2B004201	32bit hex
3370	“	0x2B006E01	32bit hex
3371	“	0x2B009901	32bit hex
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3373	“	0x2B00F101	32bit hex
3374	“	0x2C001D01	32bit hex
3375	“	0x2C004901	32bit hex
3376	“	0x2C007501	32bit hex
3377	“	0x2C00A101	32bit hex
3378	“	0x2C00CD01	32bit hex
3379	“	0x2C00F901	32bit hex
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3382	“	0x2D007C01	32bit hex
3383	“	0x2D00A801	32bit hex
3384	“	0x2D00D401	32bit hex
3385	“	0x2E000001	32bit hex
3386	“	0x2E002C01	32bit hex
3387	“	0x2E005801	32bit hex
3388	“	0x2E008301	32bit hex
3389	“	0x2E00AF01	32bit hex
3390	“	0x2E00DB01	32bit hex
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3392	“	0x2F003301	32bit hex
3393	“	0x2F005F01	32bit hex
3394	“	0x2F008B01	32bit hex
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3398	“	0x30003A01	32bit hex
3399	“	0x30006601	32bit hex
3400	“	0x30009201	32bit hex
3401	“	0x3000BE01	32bit hex
3402	“	0x3000EA01	32bit hex
3403	“	0x31001601	32bit hex

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3406	“	0x31009901	32bit hex
3407	“	0x3100C501	32bit hex
3408	“	0x3100F101	32bit hex
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3411	“	0x17000701	32bit hex
3412	“	0x17003301	32bit hex
3413	“	0x17005F01	32bit hex
3414	“	0x17008B01	32bit hex
3415	“	0x1700B701	32bit hex
3416	“	0x1700E301	32bit hex
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3420	“	0x18009201	32bit hex
3421	“	0x1800BE01	32bit hex
3422	“	0x1800EA01	32bit hex
3423	“	0x19001601	32bit hex
3424	“	0x19004201	32bit hex
3425	“	0x19006E01	32bit hex
3426	“	0x19009A01	32bit hex
3427	“	0x1900C501	32bit hex
3428	“	0x1900F101	32bit hex
3429	“	0x1A001D01	32bit hex
3430	“	0x1A004901	32bit hex
3431	“	0x1A007501	32bit hex
3432	“	0x1A00A101	32bit hex
3433	“	0x1A00CD01	32bit hex
3434	“	0x1A00F901	32bit hex
3435	“	0x1B002401	32bit hex
3436	“	0x1B005001	32bit hex
3437	“	0x1B007C01	32bit hex
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3439	“	0x1B00D401	32bit hex
3440	“	0x1C000001	32bit hex
3441	“	0x1C002C01	32bit hex
3442	“	0x1C005801	32bit hex
3443	“	0x1C008401	32bit hex
3444	“	0x1C00AF01	32bit hex
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3447	“	0x1D003301	32bit hex
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3449	“	0x1D008B01	32bit hex
3450	“	0x1D00B701	32bit hex
3451	“	0x1D00E301	32bit hex
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3453	“	0x1E003A01	32bit hex
3454	“	0x1E006601	32bit hex
3455	“	0x1E009201	32bit hex
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3457	“	0x1E00EA01	32bit hex
3458	“	0x1F001601	32bit hex
3459	“	0x1F004201	32bit hex
3460	“	0x1F006E01	32bit hex
3461	“	0x1F009901	32bit hex
3462	“	0x1F00C501	32bit hex
3463	“	0x1F00F101	32bit hex
3464	“	0x20001D01	32bit hex
3465	“	0x20004901	32bit hex
3466	“	0x20007501	32bit hex
3467	“	0x2000A101	32bit hex
3468	“	0x2000CD01	32bit hex
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3470	“	0x21002401	32bit hex
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3472	“	0x21007C01	32bit hex
3473	“	0x2100A801	32bit hex
3474	“	0x2100D401	32bit hex
3475	“	0x22000001	32bit hex
3476	“	0x22002C01	32bit hex
3477	“	0x22005801	32bit hex
3478	“	0x22008401	32bit hex
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3480	“	0x2200DB01	32bit hex
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3487	“	0x24000E01	32bit hex
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3490	“	0x24009201	32bit hex
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3496	“	0x25009901	32bit hex
3497	“	0x2500C501	32bit hex
3498	“	0x2500F101	32bit hex
3499	“	0x26001D01	32bit hex
3500	“	0x26004901	32bit hex
3501	“	0x26007501	32bit hex
3502	“	0x2600A101	32bit hex
3503	“	0x2600CD01	32bit hex
3504	“	0x2600F901	32bit hex
3505	“	0x27002401	32bit hex
3506	“	0x27005001	32bit hex
3507	“	0x27007C01	32bit hex
3508	“	0x2700A801	32bit hex
3509	“	0x2700D401	32bit hex
3510	“	0x28000001	32bit hex
3511	“	0x28002C01	32bit hex
3512	“	0x28005801	32bit hex
3513	“	0x28008301	32bit hex
3514	“	0x2800AF01	32bit hex
3515	“	0x2800DB01	32bit hex
3516	“	0x29000701	32bit hex
3517	“	0x29003301	32bit hex
3518	“	0x29005F01	32bit hex
3519	“	0x29008B01	32bit hex
3520	“	0x2900B701	32bit hex
3521	“	0x2900E301	32bit hex
3522	“	0x2A000E01	32bit hex
3523	“	0x2A003A01	32bit hex
3524	“	0x2A006601	32bit hex
3525	“	0x2A009201	32bit hex
3526	“	0x2A00BE01	32bit hex
3527	“	0x2A00EA01	32bit hex
3528	“	0x2B001601	32bit hex
3529	“	0x2B004201	32bit hex
3530	“	0x2B006E01	32bit hex
3531	“	0x2B009901	32bit hex
3532	“	0x2B00C501	32bit hex

3533	“	0x2B00F101	32bit hex
3534	“	0x2C001D01	32bit hex
3535	“	0x2C004901	32bit hex
3536	“	0x2C007501	32bit hex
3537	“	0x2C00A101	32bit hex
3538	“	0x2C00CD01	32bit hex
3539	“	0x2C00F901	32bit hex
3540	“	0x2D002401	32bit hex
3541	“	0x2D005001	32bit hex
3542	“	0x2D007C01	32bit hex
3543	“	0x2D00A801	32bit hex
3544	“	0x2D00D401	32bit hex
3545	“	0x2E000001	32bit hex
3546	“	0x2E002C01	32bit hex
3547	“	0x2E005801	32bit hex
3548	“	0x2E008301	32bit hex
3549	“	0x2E00AF01	32bit hex
3550	“	0x2E00DB01	32bit hex
3551	“	0x2F000701	32bit hex
3552	“	0x2F003301	32bit hex
3553	“	0x2F005F01	32bit hex
3554	“	0x2F008B01	32bit hex
3555	“	0x2F00B701	32bit hex
3556	“	0x2F00E301	32bit hex
3557	“	0x30000E01	32bit hex
3558	“	0x30003A01	32bit hex
3559	“	0x30006601	32bit hex
3560	“	0x30009201	32bit hex
3561	“	0x3000BE01	32bit hex
3562	“	0x3000EA01	32bit hex
3563	“	0x31001601	32bit hex
3564	“	0x31004201	32bit hex
3565	“	0x31006E01	32bit hex
3566	“	0x31009901	32bit hex
3567	“	0x3100C501	32bit hex
3568	“	0x3100F101	32bit hex
3569	“	0x32001D01	32bit hex
3570	AIS_AGC_B0	2.0	32bit float
3571	AIS_AGC_B1	6.0	32bit float
3572	AIS_AGC_B2	10.0	32bit float
3573	AIS_AGC_B3	14.0	32bit float
3574	AIS_AGC_B4	18.0	32bit float
3575	AIS_LO_Thresh_1	1300000.0	32bit float

3576	AIS_LO_Thresh_2	2300000.0	32bit float
3577	AIS_LO_Thresh_3	3500000.0	32bit float
3578	AIS_LO_Thresh_4	4500000.0	32bit float
3579	AGC_SA_MIN_B1 (erased – spare)	2.0	32bit float
3580	AGC_SA_MIN_B2 (erased – spare)	6.0	32bit float
3581	AGC_SA_MIN_B3 (erased – spare)	2.0	32bit float
3582	AGC_SA_MIN_B4 (erased – spare)	2.0	32bit float
3583	AGC_SA_MAX_B1 (erased – spare)	18.0	32bit float
3584	AGC_SA_MAX_B2 (erased – spare)	22.0	32bit float
3585	AGC_SA_MAX_B3 (erased – spare)	18.0	32bit float
3586	AGC_SA_MAX_B4 (erased – spare)	18.0	32bit float
3587	SPARE	0x0	
3588	SPARE	0x0	
3589	SPARE	0x0	
3590	AGC_HW_CAL_B1	2.0	32bit float
3591	AGC_HW_CAL_B2	6.0	32bit float
3592	AGC_HW_CAL_B3	10.0	32bit float
3593	AGC_HW_CAL_B4	14.0	32bit float
3594	AGC_REC_B1	6.0	32bit float
3595	AGC_REC_B2	10.0	32bit float
3596	AGC_REC_B3	14.0	32bit float
3597	AGC_REC_B4	18.0	32bit float
3598	SPARE	0x0	
3599	SPARE	0x0	
3600	SPARE	0x0	
3601	SPARE	0x0	
3602	SPARE	0x0	
3603	SPARE	0x0	
3604	SPARE	0x0	
3605	SPARE	0x0	
3606	SPARE	0x0	
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3641	SPARE	0x0	
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3806	SPARE	0x0	
3807	SPARE	0x0	
3808	SPARE	0x0	
3809	SPARE	0x0	
3810	SPARE	0x0	
3811	SPARE	0x0	
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3830	SPARE	0x0	
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3832	SPARE	0x0	
3833	SPARE	0x0	

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3834	SPARE	0x0	
3835	SPARE	0x0	
3836	SPARE	0x0	
3837	SPARE	0x0	
3838	SPARE	0x0	

1 SLAVES DSP1 / SLAVE DSP2 PARAMETER TABLE

Slave DSP1 and slave DSP2 have the same Parameter Table Structure.

Parameter	PT_Line_Number (dec)	Parameter Value	Parameter Type	DSP PT DUMP
Sine_data	0-10		32bit float	
Logs_data	11-18		32bit float	
LUTs for power subroutine	19-55		32bit float	
Fs_TRK	56	1.4E+6 Hz	32bit float	0x49aae6000000
SPARE	57	0x0	hex	0x000000000000
Fs_ACQ	58	7.0E+5 Hz	32bit float	0x492ae6000000
Fft_512_sin_table	59-314		32bit float	
Fff_512_cos_table	315-570		32bit float	
FIR_Q	571	-1.5062067E-2	32bit float	0xbc76c6e30000
	572	5.3058197E-2	32bit float	0x3d59538d0000
	573	-1.49882026E-1	32bit float	0xbe197aac0000
	574	8.93889519E-1	32bit float	0x3f64d5f20000
	575	281224221E-1	32bit float	0x3e8ffc9f0000

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	576	-8.8921657E-2	32bit float	0xbdb61c8f0000
	577	3.0040974E-2	32bit float	0x3cf6187d0000
	578	-5.660847E-3	32bit float	0xbbb97ea00000
FIR_I	579	-5.660847E-3	32bit float	0xbbb97ea00000
	580	3.0040974E-2	32bit float	0x3cf6187d0000
	581	-8.8921657E-2	32bit float	0xbdb61c8f0000
	582	281224221E-1	32bit float	0x3e8ffc9f0000
	583	8.93889519E-1	32bit float	0x3f64d5f20000
	584	-1.49882026E-1	32bit float	0xbe197aac0000
	585	5.3058197E-2	32bit float	0x3d59538d0000
	586	-1.5062067E-2	32bit float	0xbc76c6e30000
TRK_Default_Ref_Func_real_part_B1	587-1098	See annex 1	32bit float	
TRK_Default_Ref_Func_real_part_B2	1099-1610	See annex 1	32bit float	
TRK_Default_Ref_Func_real_part_B3	1611-2122	See annex 1	32bit float	
TRK_Default_Ref_Func_real_part_B4	2123-2634	See annex 1	32bit float	
TRK_Default_Ref_Func_im_part_B1	2635-3146	See annex 1	32bit float	
TRK_Default_Ref_Func_im_part_B2	3147-3658	See annex 1	32bit float	
TRK_Default_Ref_Func_im_part_B3	3659-4170	See annex 1	32bit float	

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TRK_Default_Ref_Func_im_part_B4	4171-4682	See annex 1	32bit float	
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Dim_win	4683	70	32bit int	0x000000460000
Dim_win_preset_trk	4684	70	32bit int	0x000000460000
Rv	4685	7.14285732E-1	32bit float	0x3f36db6e0000
Power Reference Level (Aref)	4686	25.0	32bit float	0x41c800000000
Alpha_range (OCOG)	4687	5.60000002E-1	32bit float	0x3f0f5c290000
Beta_range (OCOG)	4688	9.00000036E-2	32bit float	0x3db851ec0000
Alpha_range (AGC)	4689	8.99999976E-1	32bit float	0x3f6666660000
Beta_range (AGC)	4690	2.24999994E-1	32bit float	0x3e6666660000
Delta_ocog_max	4691	18.0	32bit float	0x419000000000
C_LoL_ini	4692	-6	32bit int	0xffffffa0000
Of_trk_th	4693	2.5	32bit float	0x402000000000
Co_trk_th	4694	1.2	32bit float	0x3f99999a0000
Ad_trk_th	4695	-20.0	32bit float	0xc1a000000000
Dim_win_trk_th	4696	256	32bit int	0x000001000000
A1_th	4697	0.7	32bit float	0x3f3333330000
A2_th	4698	9.5367431640625E-7	32bit float	0x358000000000

Fh_Ac	4699-4954	See annex 2		
F_act_ofs	4955	0	32bit float	0x000000000000
Fs_a_io	4956	2.8E+6	32bit float	0x4a2ae6000000
Inv_fs_a_io	4957	3.57142852E-7	32bit float	0x34bfbd570000
Ns_LED	4958	512	32bit int	0x000002000000
K_det_thres_X1	4959	1.569929019693487E-001	32bit float	0x3e20c2bf0000
K_det_thres_X2	4960	6.250000000000000E-002	32bit float	0x3d8000000000
K_det_thres_X3	4961	2.488169815959358E-002	32bit float	0x3ccb4b400000
K_det_thres_X4	4962	9.905582452881964E-003	32bit float	0x3c224b060000
Det_Thres_min_X1	4963	0.0	32bit float	0x0
Det_Thres_min_X2	4964	0.0	32bit float	0x0
Det_Thres_min_X3	4965	0.0	32bit float	0x0
Det_Thres_min_X4	4966	0.0	32bit float	0x0
a_-2	4967	1.0	32bit float	0x3f8000000000
a_-1	4968	1.0	32bit float	0x3f8000000000
a_0	4969	1.0	32bit float	0x3f8000000000
a_1	4970	1.0	32bit float	0x3f8000000000
a_2	4971	1.0	32bit float	0x3f8000000000

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SA_fft_out_mult_vect_real	4972-5483	1.0	32bit float	0x3f8000000000
SA_fft_out_mult_vect_im	5484-5995	0.0	32bit float	0x0
EC_fft_out_mult_vect_real	5996-7019	1.0	32bit float	0x3f8000000000
EC_fft_out_mult_vect_im	7020-8043	0.0	32bit float	0x0
Fft_128_cos_table	8044-8107		32bit float	
Fft_128_sin_table	8108-8171		32bit float	
PIS_fft_out_mult_vect_real	8172-8299	1.0	32bit float	0x3f8000000000
PIS_fft_out_mult_vect_im	8300-8427	0.0	32bit float	0x0
ACQ_Default_Ref_Func_real_part_B1	8428-9451	See annex 3	32bit float	
ACQ_Default_Ref_Func_real_part_other	9452-10475	See annex 3	32bit float	
ACQ_Corrected_Ref_Func_real_part_B1	10476-11499	See annex 3	32bit float	
ACQ_Corrected_Ref_Func_real_part_B2	11500-12523	See annex 3	32bit float	
ACQ_Corrected_Ref_Func_real_part_B3	12524-13547	See annex 3	32bit float	
ACQ_Corrected_Ref_Func_real_part_B4	13548-14571	See annex 3	32bit float	
ACQ_Default_Ref_Func_im_part_B1	14572-15595	See annex 3	32bit float	
ACQ_Default_Ref_Func_im_part_other	15596-16619	See annex 3	32bit float	
ACQ_Corrected_Ref_Func_im_part_B1	16620-17643	See annex 3	32bit float	
ACQ_Corrected_Ref_Func_im_part_B2	17644-18667	See annex 3	32bit float	

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ACQ_Corrected_Ref_Func_im_part_B3	18668-18691	See annex 3	32bit float	
ACQ_Corrected_Ref_Func_im_part_B4	19692-20715	See annex 3	32bit float	
Tc	20716	1.428571428571428571	32bit float	0x3fb6db6e0000
Fft_1024_sin_table	20717-21228		32bit float	
Fff_1024_cos_table	21229-21740		32bit float	
N_D	21741	200	32bit int	0x000000c80000
K_AGC	21742	5000.0	32bit float	0x459c40000000
Ca_Ref_B1	21743	+INF	32bit float	0x7f8000000000
Ca_Ref_B2	21744	+INF	32bit float	0x7f8000000000
Ca_Ref_B3	21745	+INF	32bit float	0x7f8000000000
Ca_Ref_B4	21746	+INF	32bit float	0x7f8000000000
a2_step_bas_cm	21747	3.0	32bit float	0x404000000000
step_1	21748	3.0	32bit float	0x404000000000
ra_step_cm	21749	1.5	32bit float	0x3fc000000000
a2_min_cm	21750	0.0	32bit float	0x0
a2_max_cm	21751	1000.0	32bit float	0x447a00000000
tau0_cm	21752	533.0	32bit float	0x440540000000
Cont_a3_cm	21753	1.0	32bit float	0x3f8000000000

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Contrast method quadratic coefficient LUT	21754-22265		32bit float	
Contrast method cubic coefficient LUT	22266-22777		32bit float	
Contrast method sine - cosine LUT	22778-26377		32bit float	
weighting & notching filters coefficient real part_B1	26378-26889		32bit float	
weighting & notching filters coefficient real part_B2	26890-27401		32bit float	
weighting & notching filters coefficient real part_B3	27402-27913		32bit float	
weighting & notching filters coefficient real part_B4	27914-28425		32bit float	
weighting & notching filters coefficient im part_B1	28426-28937		32bit float	
weighting & notching filters coefficient im part_B2	28938-29449		32bit float	
weighting & notching filters coefficient im part_B3	29450-29961		32bit float	
weighting & notching filters coefficient im part_B4	29962-30473		32bit float	
Fsrm decimation factor	30474	2	32bit int	0x000000020000
Thres_co_1_fsrm_B1	30475	0.6	32bit float	0x3f19999a0000
Thres_co_1_fsrm_B2	30476	0.6	32bit float	0x3f19999a0000
Thres_co_1_fsrm_B3	30477	0.6	32bit float	0x3f19999a0000
Thres_co_1_fsrm_B4	30478	0.6	32bit float	0x3f19999a0000
Thres_co_2_fsrm_B1	30479	0.2	32bit float	0x3e4ccccd0000

Thres_co_2_fsrn_B2	30480	0.2	32bit float	0x3e4cccd0000
Thres_co_2_fsrn_B3	30481	0.2	32bit float	0x3e4cccd0000
Thres_co_2_fsrn_B4	30482	0.2	32bit float	0x3e4cccd0000
Thres_offset_fsrn_B1	30483	13.0	32bit float	0x41500000000
Thres_offset_fsrn_B2	30484	13.0	32bit float	0x41500000000
Thres_offset_fsrn_B3	30485	13.0	32bit float	0x41500000000
Thres_offset_fsrn_B4	30486	13.0	32bit float	0x41500000000
Fsrn_Win_init_length_B1	30487	32	32bit int	0x00000020000
Fsrn_Win_init_length_B2	30488	32	32bit int	0x00000020000
Fsrn_Win_init_length_B3	30489	32	32bit int	0x00000020000
Fsrn_Win_init_length_B4	30490	32	32bit int	0x00000020000
Fsrn_Win_length_B1	30491	128	32bit int	0x00000080000
Fsrn_Win_length_B2	30492	128	32bit int	0x00000080000
Fsrn_Win_length_B3	30493	128	32bit int	0x00000080000
Fsrn_Win_length_B4	30494	128	32bit int	0x00000080000
Max_de_fsrn_B1	30495	256	32bit int	0x00000100000
Max_de_fsrn_B2	30496	256	32bit int	0x00000100000
Max_de_fsrn_B3	30497	256	32bit int	0x00000100000

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Max_de_fsm_B4	30498	256	32bit int	0x000001000000
Alpha_range_fsm	30499	0.9	32bit float	0x3f6666660000
Beta_range_fsm	30500	0.1	32bit float	0x3dcccccd0000
SPARE	30501-32766	0x0	hex	0x000000000000
reseved for EEPROM embedded algorithm of write anable	32767	0x0	hex	0x000000000000

ANNEX 1

Default Reference Functions

BAND 1 REAL COMPONENT	
decimal value	DSP dump
1.026067256927490e+001	0x41242bb70000
6.613703727722168e+000	0x40d3a3760000
-3.947419404983521e+000	0xc07ca2850000
7.112780570983887e+000	0x40e39be60000
9.282876014709473e+000	0x411486a90000
-4.806138992309570e+000	0xc099cbe40000
2.717628002166748e+000	0x402ded9e0000
1.107985305786133e+001	0x413147140000
-3.966471910476685e+000	0xc07ddaad0000
-2.743360042572022e+000	0xc02f93360000
1.127196121215820e+001	0x413459f40000
-2.549160242080689e+000	0xc02325710000
-8.100455284118652e+000	0xc1019b770000
8.968503952026367e+000	0x410f7efe0000
6.531590223312378e-001	0x3f27356e0000
-1.249044132232666e+001	0xc147d8d90000
4.287127017974854e+000	0x408930250000
4.605092048645020e+000	0x40935cea0000
-1.615041160583496e+001	0xc181340b0000
-1.320022225379944e+000	0xbfa8f67d0000
6.926193714141846e+000	0x40dda3610000
-1.654212188720703e+001	0xc18456440000
-1.078276538848877e+001	0xc12c86350000
8.035439491271973e+000	0x410091290000
-1.490179347991943e+001	0xc16e6dbf0000
-2.013067436218262e+001	0xc1a10b9f0000
5.448976039886475e+000	0x40ae5e030000
-1.149569511413574e+001	0xc137ee5e0000
-2.703800201416016e+001	0xc1d84dd40000
-3.648100793361664e-002	0xbd156d1c0000
-4.671690464019775e+000	0xc0957e7d0000
-3.304953384399414e+001	0xc20432b90000
-8.230308532714844e+000	0xc103af580000
1.571106791496277e+000	0x3fc91a070000
-3.446820068359375e+001	0xc209df700000
-1.835430335998535e+001	0xc192d59d0000
5.087336540222168e+000	0x40a2cb760000

-3.126740455627441e+001	0xc1fa23a50000
-2.985805702209473e+001	0xc1eedd4d0000
7.786875724792481e+000	0x40f92e160000
-2.276926803588867e+001	0xc1b627760000
-4.105415725708008e+001	0xc22437750000
6.445868492126465e+000	0x40ce448e0000
-1.141553497314453e+001	0xc136a6080000
-4.971706008911133e+001	0xc246de450000
-9.814771413803101e-001	0xbf7b42160000
2.529649734497070e+000	0x4021e5c80000
-5.280901718139648e+001	0xc2533c6f0000
-1.316253089904785e+001	0xc15299ba0000
1.762004470825195e+001	0x418cf5da0000
-4.941196441650391e+001	0xc245a5da0000
-2.929786491394043e+001	0xc1ea62070000
3.106145095825195e+001	0x41f87dda0000
-3.686490249633789e+001	0xc21375a90000
-4.680088043212891e+001	0xc23b341a0000
3.809821319580078e+001	0x421864920000
-1.575719833374023e+001	0xc17c1d7c0000
-6.317291641235352e+001	0xc27cb1110000
3.867052841186523e+001	0x421aae9f0000
1.199753284454346e+001	0x413ff5e50000
-7.714447021484375e+001	0xc29a49f80000
3.015292739868164e+001	0x41f139320000
4.716554641723633e+001	0x423ca9850000
-8.448033142089844e+001	0xc2a8f5ee0000
9.534158706665039e+000	0x41188bea0000
8.441236114501953e+001	0x42a8d3210000
-8.033255767822266e+001	0xc2a0aa450000
-2.080381011962891e+001	0xc1a66e340000
1.243610763549805e+002	0x42f8b8df0000
-6.523155975341797e+001	0xc282768f0000
-5.980649185180664e+001	0xc26f39d90000
1.581533813476563e+002	0x431e27440000
-3.553242874145508e+001	0xc20e21350000
-1.061082839965820e+002	0xc2d437710000
1.868901977539063e+002	0x433ae3e40000
6.412842750549316e+000	0x40cd36020000
-1.605087738037109e+002	0xc320823f0000
2.074784545898438e+002	0x434f7a7c0000
5.949064254760742e+001	0x426df66b0000
-2.163562622070313e+002	0xc3585b340000
2.248949279785156e+002	0x4360e51a0000
1.156402816772461e+002	0x42e747d30000
-2.731299438476563e+002	0xc38890a20000

2.374214324951172e+002	0x436d6be30000
1.704355926513672e+002	0x432a6f830000
-3.325571594238281e+002	0xc3a647510000
2.553098144531250e+002	0x437f4f500000
2.120071563720703e+002	0x435401d50000
-3.857711181640625e+002	0xc3c0e2b40000
2.851794128417969e+002	0x438e96f70000
2.239597625732422e+002	0x435ff5b30000
-4.232698059082031e+002	0xc3d3a2890000
3.370411987304688e+002	0x43a885460000
1.852582092285156e+002	0x4339421a0000
-4.284523925781250e+002	0xc3d639e80000
4.089403991699219e+002	0x43cc785f0000
8.435838317871094e+001	0x42a8b77e0000
-3.686430358886719e+002	0xc3b8524f0000
4.685712890625000e+002	0x43ea49200000
-8.328744506835938e+001	0xc2a6932c0000
-2.130744018554688e+002	0xc355130c0000
4.633810119628906e+002	0x43e7b0c50000
-2.741440734863281e+002	0xc38912710000
4.933351898193359e+001	0x424555860000
3.260289916992188e+002	0x43a303b60000
-3.943797607421875e+002	0xc3c5309c0000
3.521845397949219e+002	0x43b0179f0000
2.156216239929199e+001	0x41ac7f4f0000
-3.082644348144531e+002	0xc39a21d90000
5.302695312500000e+002	0x440491400000
-3.463778076171875e+002	0xc3ad305c0000
2.361009216308594e+001	0x41bce1780000
3.931359863281250e+002	0x43c491680000
-5.162078247070313e+002	0xc4010d4d0000
4.137696533203125e+002	0x43cee2840000
-6.504505157470703e+001	0xc28217110000
-2.435038452148438e+002	0xc37380fc0000
4.570258483886719e+002	0x43e4834f0000
-4.661759948730469e+002	0xc3e916870000
3.161931762695313e+002	0x439e18ba0000
-3.607317352294922e+001	0xc2104aee0000
-2.935122985839844e+002	0xc392c1930000
5.142471923828125e+002	0x44008fd20000
-5.596070556640625e+002	0xc40be6da0000
3.333029479980469e+002	0x43a6a6c70000
-3.893062210083008e+001	0xc21bb8f50000
-3.130057373046875e+002	0xc39c80bc0000
4.605050964355469e+002	0x43e640a70000
-5.560388183593750e+002	0xc40b027c0000

4.146772460937500e+002	0x43cf56b00000
-2.866901550292969e+002	0xc38f58570000
-5.237668228149414e+001	0xc25181b90000
2.689605407714844e+002	0x43867af30000
-5.691551513671875e+002	0xc40e49ee0000
5.530595092773438e+002	0x440a43cf0000
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2.732158203125000e+002	0x43889ba00000
-1.501410980224609e+002	0xc316241f0000
-1.819495391845703e+002	0xc335f3150000
2.881103515625000e+002	0x43900e200000
-5.812681884765625e+002	0xc411512a0000
5.558352050781250e+002	0x440af5740000
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3.976250305175781e+002	0x43c6d0010000
-3.403888854980469e+002	0xc3aa31c70000
2.192882537841797e+001	0x41af6e3c0000
2.770682525634766e+001	0x41dda7940000
-3.461136474609375e+002	0xc3ad0e8c0000
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-6.486783447265625e+002	0xc4222b6a0000
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4.833439636230469e+002	0x43f1ac070000
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4.310934448242188e+001	0x422c6ff80000
-1.180750179290772e+001	0xc13ceb870000
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2.096276550292969e+002	0x4351a0ae0000
-4.059147338867188e+002	0xc3caf5160000
4.030173034667969e+002	0x43c982370000
-5.858007202148438e+002	0xc412733f0000
5.436909179687500e+002	0x4407ec380000
-6.453851318359375e+002	0xc42158a60000
5.773209228515625e+002	0x4410548a0000
-6.739039306640625e+002	0xc42879da0000
6.327118530273438e+002	0x441e2d8f0000
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6.297855224609375e+002	0x441d72460000
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-6.437595214843750e+002	0xc420f09c0000

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-6.153433837890625e+002	0xc419d5fa0000
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-6.531400146484375e+002	0xc42348f60000
6.813913574218750e+002	0x442a590c0000
-6.372515869140625e+002	0xc41f501a0000
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7.176744995117188e+002	0x44336b2b0000
-6.494266357421875e+002	0xc4225b4e0000
6.853355102539063e+002	0x442b55790000
-5.655330200195313e+002	0xc40d621d0000
6.103596801757813e+002	0x441897050000
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-2.923991394042969e+002	0xc39233170000
2.752176818847656e+002	0x43899bdd0000
-3.208937072753906e+001	0xc2005b840000
2.564403533935547e+001	0x41cd26fc0000
2.354337921142578e+002	0x436b6f0d0000
-2.607350158691406e+002	0xc3825e150000
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7.289429321289063e+002	0x44363c590000
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7.231273193359375e+002	0x4434c8260000
-5.093149108886719e+002	0xc3fea84f0000
5.188494262695313e+002	0x4401b65d0000
-1.721178131103516e+002	0xc32c1e290000
7.485193634033203e+001	0x4295b4310000
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-3.679088745117188e+002	0xc3b7f4560000
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7.392649536132813e+002	0x4438d0f50000
-4.782584533691406e+002	0xc3ef21150000
3.825609130859375e+002	0x43bf47cc0000
5.306338882446289e+001	0x425440e90000
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5.877324218750000e+002	0x4412eee00000
-6.018154907226563e+002	0xc41674310000
7.243663330078125e+002	0x443517720000
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2.943579711914063e+002	0x43932dd20000
1.678844909667969e+002	0x4327e26e0000
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-2.094205780029297e+002	0xc3516bab0000
5.813582763671875e+002	0x441156ee0000
-6.741430053710938e+002	0xc42889270000
5.924241943359375e+002	0x44141b260000
-2.174587707519531e+002	0xc35975720000
-2.130775299072266e+002	0xc35513d90000
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-6.947918090820313e+002	0xc42db2ad0000
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-9.518158721923828e+001	0xc2be5cf90000
-3.801246643066406e+002	0xc3be0ff50000
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-6.419198608398438e+002	0xc4207adf0000
2.547450866699219e+002	0x437ebebe0000
2.024593048095703e+002	0x434a75950000
-6.466026000976563e+002	0xc421a6910000
6.364246215820313e+002	0x441f1b2d0000
-3.642480773925781e+002	0xc3b61fc10000
-2.595130004882813e+002	0xc381c1aa0000
5.931673583984375e+002	0x44144ab60000
-6.961128540039063e+002	0xc42e07390000
1.951410675048828e+002	0x4343241d0000
2.760320739746094e+002	0x438a041b0000
-7.268709106445313e+002	0xc435b7bd0000
4.974877624511719e+002	0x43f8be6f0000
-9.851860046386719e+001	0xc2c509860000
-5.622479858398438e+002	0xc40c8fdf0000
6.154096679687500e+002	0x4419da380000
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-1.042195892333984e+001	0xc126c0580000
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-7.131119995117188e+002	0xc432472b0000
4.900797271728516e+001	0x4244082a0000
4.794989624023438e+002	0x43efbfde0000
-7.167734375000000e+002	0xc43331800000
3.656126785278320e+001	0x42123ebd0000

5.093545227050781e+002	0x43fead610000
-6.859075317382813e+002	0xc42b7a150000
-4.906306457519531e+001	0xc24440940000
5.788915405273438e+002	0x4410b90f0000
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-2.047565002441406e+002	0xc34cc1aa0000
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-4.137357482910156e+002	0xc3ceded2d0000
6.554732666015625e+002	0x4423de4a0000
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1.891709747314453e+002	0x433d2bc50000
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5.454334106445313e+002	0x44085bbd0000
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-2.498456268310547e+002	0xc379d87b0000
6.930543823242188e+002	0x442d437b0000
-1.264569473266602e+002	0xc2fce9f50000
-6.342015380859375e+002	0xc41e8ce60000
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-1.749587097167969e+002	0xc32ef56e0000
7.119344482421875e+002	0x4431fbce0000
-4.383355331420898e+001	0xc22f558f0000
-6.432781372070313e+002	0xc420d1cd0000
2.999427490234375e+002	0x4395f8ac0000
6.166078491210938e+002	0x441a26e70000
-3.992536010742188e+002	0xc3c7a0760000
-4.491856994628906e+002	0xc3e097c50000
5.694828491210938e+002	0x440e5ee70000
4.150621032714844e+002	0x43cf87f30000
-5.593957519531250e+002	0xc40bd9540000
-2.512246093750000e+002	0xc37b39800000
6.815346679687500e+002	0x442a62380000
2.674020080566406e+002	0x4385b3750000
-6.157935791015625e+002	0xc419f2ca0000
-1.428805389404297e+002	0xc30ee16b0000
7.159884033203125e+002	0x4432ff420000
2.234398193359375e+002	0x435f70980000
-6.239800415039063e+002	0xc41bfeb90000
-1.475996246337891e+002	0xc31399810000
7.033812866210938e+002	0x442fd8670000

2.905678100585938e+002	0x439148ae0000
-5.798836059570313e+002	0xc410f88d0000
-2.729408264160156e+002	0xc388786d0000
6.118295898437500e+002	0x4418f5180000
4.696133728027344e+002	0x43eace830000
-4.362412109375000e+002	0xc3da1ee00000
-4.930303344726563e+002	0xc3f683e20000
3.884168090820313e+002	0x43c2355a0000
6.690492553710938e+002	0x442743270000
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3.048406066894531e+002	0xc3e57cb90000
1.245001373291016e+002	0x43986b990000
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7.153514862060547e+000	0x4083e1020000
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1.741843461990356e+000	0xbdf962710000
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1.467194080352783e+000	0x405f34690000
-1.918469429016113e+000	0x3fbbcd040000

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-2.398080587387085e+000	0x40b0734a0000
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8.760153770446777e+000	0x406be2310000
-1.685580253601074e+000	0x410c29970000
2.428913831710815e+000	0xbf7c1180000
1.173856163024902e+001	0x401b73530000
1.167549252510071e+000	0x413bd1260000
	0x3f9572410000

ANNEX 2

Hamming coefficient

decimal value	DSP dump
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8.501785993576050e-002	0x3dae1dd80000
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9.126449376344681e-002	0x3dbae8e10000
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1.245062872767448e-001	0x3dfefd270000
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