



Tab Equivalence Accuracy Resolution Bits Points ° %

RAMK AND RAME ENCODERS								
NUMBER OF BITS	NUMBER OF POINTS	ACCURACY OR RESOLUTION (°)	ACCURACY OR RESOLUTION (min)	ACCURACY OR RESOLUTION (s)	ACCURACY OR RESOLUTION (rad)	ACCURACY OR RESOLUTION (mrad)	ACCURACY OR RESOLUTION (μrad)	ACCURACY OR RESOLUTION (%)
5	32	11.25000	675	40 500	0.196349	196.349	196 349	3.13
6	64	5.62500	338	20 250	0.098175	98.175	98 175	1.56
7	128	2.81250	169	10 125	0.049087	49.087	49 087	0.78
8	256	1.40625	84	5063	0.024544	24.544	24 544	0.39
9	512	0.70313	42	2531	0.012272	12.272	12 272	0.20
10	1024	0.35156	21	1266	0.006136	6.136	6136	0.10
11	2048	0.17578	11	633	0.003068	3.068	3068	0.05
12	4096	0.08789	5	316	0.001534	1.534	1534	0.02
13	8192	0.04395	2.64	158	0.000767	0.767	767	0.01
14	16 384	0.02197	1.32	79	0.000383	0.383	383	0.01
15	32 768	0.01099	0.66	40	0.000192	0.192	192	0.003
16	65 536	0.00549	0.33	20	0.000096	0.096	96	0.002
17	131 072	0.00275	0.165	10	0.000048	0.048	48	0.001
18	262 144	0.00137	0.082	5	0.000024	0.024	24	0.0004
19	524 288	0.00069	0.041	2.47	0.000012	0.012	12	0.0002
20	1 048 576	0.00034	0.021	1.24	0.000006	0.006	6	0.0001
21	2 097 152	0.00017	0.010	0.62	0.000003	0.003	3	0.00005
22	4 194 304	0.00009	0.005	0.31	0.000001	0.001	1	0.00002