

Supporting Information for “The landscape of  
Saturn’s internal magnetic field from the Cassini  
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Table S1: Gauss Coefficients of models for Saturn's Internal Magnetic Field constructed from the Green's function method (CG12) compared to the Cassini 11 model and the Cassini 11+ model

	Cassini 11	Cassini11+	CG12
$g_1^0$	21140	21141	21143
$g_2^0$	1581	1583	1577
$g_3^0$	2260	2262	2268
$g_4^0$	91	95	86.3
$g_5^0$	12.6	10.3	20.0
$g_6^0$	17.2	17.4	10.3
$g_7^0$	-59.6	-68.8	-55.6
$g_8^0$	-10.5	-15.5	-18.6
$g_9^0$	-12.9	-24.2	-12.2
$g_{10}^0$	15	9.0	8.6
$g_{11}^0$	18	11.3	17.0
$g_{12}^0$		-2.8	-2.9
$g_{13}^0$		-2.4	-2.2
$g_{14}^0$		-0.8	-0.56
$g_{15}^0$			-0.24
$g_{16}^0$			0.52
$g_{17}^0$			0.15
$g_{18}^0$			-0.17
$g_{19}^0$			-0.017
$g_{20}^0$			0.033
$g_{21}^0$			0.002