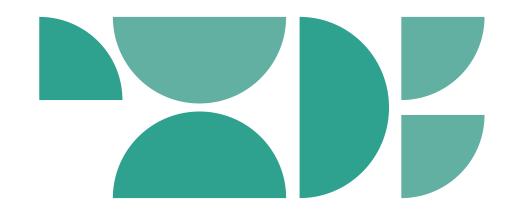


DRG Desk Reference

The ultimate resource for improving MS-DRG assignment practices



2025

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Spinal Procedures with MCC Potential DRGs **DRG 028**

RW 6.0261

Spinal Fusion Except Cervical with Spinal Curvature/Malignancy/Infection or Extensive Fusions with MCC

8.4294

DRG	PDx/SDx/Procedure	Tips
456	Noncervical spinal fusion	
	AND	
	PDX of spinal curvature, collapsed vertebra, osteoporosis	Review operative report for scoliosis, kyphosis, lordosis, or malignancy. Review operative report for indication of metastasis.
	Malignancy	Clarify with physician if the pathological fracture is noted, whether possibly due to metastasis when patient has previous history of malignancy.
	Infection	
	OR	
	Secondary diagnosis of spinal curvature	<u> </u>
	OR	
	Extensive fusions	Fusion of eight or more thoracic joints.
		Fusion of two to seven thoracic joints in combination with fusion of two or more lumbar joints.
	AND	
	MCC condition	See appendix B.

Spinal Procedures with CC or Spinal Neurostimulator Potential DRGs **DRG 029**

RW 3.4282

Spinal Procedures with MCC
Spinal Fusion Except Cervical with Spinal Curvature/Malignancy/Infection or Extensive Fusions with MCC
Spinal Fusion Except Cervical with Spinal Curvature/Malignancy/Infection or Extensive Fusions with CC 028 6.0261 456 8.4294 6.0753

DRG	PDx/SDx/Procedure	Tips			
028	MCC condition	See appendix B.			
456	Noncervical spinal fusion	occupation.			
	AND				
	PDX of spinal curvature, collapsed vertebra, osteoporosis	Review operative report for scoliosis, kyphosis, lordosis, or malignancy. Review operative report for indication of metastasis.			
	Malignancy	Clarify with physician if the pathological fracture is noted, whether possibly due to metastasis when patient has previous history of malignancy.			
	Infection				
	OR				
	Secondary diagnosis of spinal curvature				
	OR				
	Extensive fusions	Fusion of eight or more thoracic joints.			
		Fusion of two to seven thoracic joints in combination with fusion of two or more lumbar joints.			
	AND				
	MCC condition	See appendix B.			
457	Noncervical spinal fusion				
	AND				
	PDX of spinal curvature, collapsed vertebra, osteoporosis	Review operative report for scoliosis, kyphosis, lordosis, or malignancy. Review operative report for indication of metastasis.			
	Malignancy	Clarify with physician if the pathological fracture is noted, whether possibly due to metastasis when patient has previous history of malignancy.			
	Infection				
	OR				
	Secondary diagnosis of spinal curvature				
	OR				
	Extensive fusions	Fusion of eight or more thoracic joints.			
		Fusion of two to seven thoracic joints in combination with fusion of two or more lumbar joints.			
	AND				
	CC condition	See appendix B.			

MDC 1 DRG 08

089		cussion with CC etial DRGs	RW 1.1499
	020	Intracranial Vascular Procedures with Principal Diagnosis of Hemorrhage with MCC	8.4524
	021	Intracranial Vascular Procedures with Principal Diagnosis of Hemorrhage with CC	6.1414
	082	Traumatic Stupor and Coma > 1 Hour with MCC	2.2783
	083	Traumatic Stupor and Coma > 1 Hour with CC	1.3564
	085	Traumatic Stupor and Coma < 1 Hour with MCC	2.2728
	086	Traumatic Stupor and Coma < 1 Hour with CC	1.3171
	088	Concussion with MCC	1.5338
	957	Other O.R. Procedures for Multiple Significant Trauma with MCC	7.2325
	958	Other O.R. Procedures for Multiple Significant Trauma with CC	4.0448
	963	Other Multiple Significant Trauma with MCC	2.7343
	964	Other Multiple Significant Trauma with CC	1.5010

964	Other Multiple Significant Trauma with CC	1.5010
DRG	PDx/SDx/Procedure	Tips
020	Intracranial vascular procedure	
	AND	
	Cerebral hemorrhage	
	AND	
	MCC condition	See appendix B.
021	Intracranial vascular procedure	
	AND	
	Cerebral hemorrhage	
	AND	
	CC condition	See appendix B.
082	Principal diagnosis of traumatic stupor and coma > 1 Hr	Physician must document length of time of loss of consciousness. Review ED and other intake reports.
	OR	
	Head trauma diagnosis	
	AND	
	Secondary diagnosis of traumatic stupor and coma > 1 Hr	Physician must document length of time of loss of consciousness. Review ED and other intake reports.
	AND	
	MCC condition	See appendix B.
083	Principal diagnosis of traumatic stupor and coma > 1 Hr	See DRG 082.
	OR	
	Head trauma diagnosis	
	AND	
	Secondary diagnosis of traumatic stupor and coma > 1 Hr	See DRG 082.
	AND	
	CC condition	See appendix B.
085	Skull fracture or intracranial trauma diagnoses with description of loss of consciousness less than one hour or without loss of consciousness	Mental confusion/disorientation may occur w/o loss of consciousness; physician must document length of time of loss of consciousness.
	AND	
	MCC condition	See appendix B.
086	Skull fracture or intracranial trauma diagnoses with description of	See DRG 085.
	loss of consciousness less than one hour or without loss of consciousness	
	AND	
	CC condition	See appendix B.
088	MCC condition	See appendix B.
957	Other O.R. procedures for multiple significant trauma other than craniotomy or limb reattach ment, hip and femur procedures	Pdx of trauma and at least two significant trauma diagnosis codes from different body site categories. Refer to ED report, interventional radiology reports.
	AND	
	MCC condition	See appendix B.
958	Other O.R. procedures for multiple significant trauma other than craniotomy or limb reattachment, hip and femur procedures	See DRG 957.
	AND	
0.63	CC condition	See appendix B.
963	Multiple significant trauma	Pdx of trauma and at least two significant trauma diagnosis codes from different body site categories.
	AND	
	MCC condition	See appendix B.
964	Multiple significant trauma	See DRG 963.
	AND	
	CC condition	See appendix B.

Appendix A: DRG List

MS- DRG	Post- Acute DRG	Special Pay DRG	MDC	TYPE	MS-DRG TITLE	RW	GMLOS	AMLOS
001 N	1	No	PRE	SURG	HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM WITH MCC	27.0986	30.3	40.1
002 N	No	No	PRE	SURG	HEART TRANSPLANT OR IMPLANT OF HEART ASSIST SYSTEM WITHOUT MCC	12.2441	9.6	14.7
003 Ye	es/es	No	PRE	SURG	ECMO OR TRACHEOSTOMY WITH MV >96 HOURS OR PRINCIPAL DIAGNOSIS EXCEPT FACE, MOUTH AND NECK WITH MAJOR O.R. PROCEDURES	21.3203	26.7	36.5
004 Ye	'es	No	PRE	SURG	TRACHEOSTOMY WITH MV >96 HOURS OR PRINCIPAL DIAGNOSIS EXCEPT FACE, MOUTH AND NECK WITHOUT MAJOR O.R. PROCEDURES	14.7000	26.1	32.0
005 N	٧o	No	PRE	SURG	LIVER TRANSPLANT WITH MCC OR INTESTINAL TRANSPLANT	10.3500	14.8	20.0
006 N	٧o	No	PRE	SURG	LIVER TRANSPLANT WITHOUT MCC	4.8369	7.8	8.8
007 N	٧o	No	PRE	SURG	LUNGTRANSPLANT	12.2664	18.5	22.2
008 N	٧o	No	PRE	SURG	SIMULTANEOUS PANCREAS AND KIDNEY TRANSPLANT	5.2617	8.7	9.8
010 N	٧o	No	PRE	SURG	PANCREAS TRANSPLANT	4.8136	9.5	10.4
011 N	٧o	No	PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH AND NECK DIAGNOSES OR LARYNGECTOMY WITH MCC	5.1563	11.5	14.8
012 N	٧o	No	PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH AND NECK DIAGNOSES OR LARYNGECTOMY WITH CC	4.0049	8.5	9.8
013 No	10	No	PRE	SURG	TRACHEOSTOMY FOR FACE, MOUTH AND NECK DIAGNOSES OR LARYNGECTOMY WITHOUT CC/MCC	2.6857	6.3	7.0
014 N	٧o	No	PRE	MED	ALLOGENEIC BONE MARROW TRANSPLANT	11.4609	25.6	28.7
016 N	٧o	No	PRE	MED	AUTOLOGOUS BONE MARROW TRANSPLANT WITH CC/MCC	6.1770	16.6	17.8
017 N	٧o	No	PRE	MED	AUTOLOGOUS BONE MARROW TRANSPLANT WITHOUT CC/MCC	6.1770	16.6	17.8
018 N	No	No	PRE	MED	CHIMERIC ANTIGEN RECEPTOR (CAR) T-CELL AND OTHER IMMUNOTHERAPIES	36.8427	12.9	15.1
019 No	٧o	No	PRE	SURG	SIMULTANEOUS PANCREAS AND KIDNEY TRANSPLANT WITH HEMODIALYSIS	7.9935	11.6	14.0
020 No	No	No	01	SURG	INTRACRANIAL VASCULAR PROCEDURES WITH PRINCIPAL DIAGNOSIS HEMORRHAGE WITH MCC	8.4524	10.2	14.1
021 N	٧o	No	01	SURG	INTRACRANIAL VASCULAR PROCEDURES WITH PRINCIPAL DIAGNOSIS HEMORRHAGE WITH CC	6.1414	6.3	9.0
022 No	No	No	01	SURG	INTRACRANIAL VASCULAR PROCEDURES WITH PRINCIPAL DIAGNOSIS HEMORRHAGE WITHOUT CC/MCC	3.4767	2.5	3.9
023 Ye	'es	Yes	01	SURG	CRANIOTOMY WITH MAJOR DEVICE IMPLANT OR ACUTE COMPLEX CNS PRINCIPAL DIAGNOSIS WITH MCC OR CHEMOTHER APY IMPLANT OR EPILEPSY WITH NEUROSTIMULATOR	5.6688	7.5	10.5
024 Ye	'es	Yes	01	SURG	CRANIOTOMY WITH MAJOR DEVICE IMPLANT OR ACUTE COMPLEX CNS PRINCIPAL DIAGNOSIS WITHOUT MCC	3.7888	4.0	5.2
025 Ye	′es	No	01	SURG	CRANIOTOMY AND ENDOVASCULAR INTRACRANIAL PROCEDURES WITH MCC	4.4160	6.6	9.1
026 Ye	'es	No	01	SURG	CRANIOTOMY AND ENDOVASCULAR INTRACRANIAL PROCEDURES WITH CC	2.9531	3.1	4.7
027 Ye	′es	No	01	SURG	CRANIOTOMY AND ENDOVASCULAR INTRACRANIAL PROCEDURES WITHOUT CC/MCC	2.4329	1.6	2.1
028 Ye	'es	Yes	01	SURG	SPINAL PROCEDURES WITH MCC	6.0261	10.2	13.2
029 Ye	'es	Yes	01	SURG	SPINAL PROCEDURES WITH CC OR SPINAL NEUROSTIMULATORS	3.4282	4.9	6.5
030 Ye	es/es	Yes	01	SURG	SPINAL PROCEDURES WITHOUT CC/MCC	2.3190	2.7	3.6
031 Ye	'es	No	01	SURG	VENTRICULAR SHUNT PROCEDURES WITH MCC	4.1166	7.0	10.4
032 Ye	′es	No	01	SURG	VENTRICULAR SHUNT PROCEDURES WITH CC	2.1538	2.7	4.1
033 Ye	'es	No	01	SURG	VENTRICULAR SHUNT PROCEDURES WITHOUT CC/MCC	1.6229	1.6	2.0
034 No	٧o	No	01	SURG	CAROTID ARTERY STENT PROCEDURES WITH MCC	3.9014	4.9	7.4
035 No	٧o	No	01	SURG	CAROTID ARTERY STENT PROCEDURES WITH CC	2.2995	2.0	2.9
036 No	٧o	No	01	SURG	CAROTID ARTERY STENT PROCEDURES WITHOUT CC/MCC	1.8082	1.2	1.4
037 N	٧o	No	01	SURG	EXTRACRANIAL PROCEDURES WITH MCC	3.3756	5.1	8.1
038 N	٧o	No	01	SURG	EXTRACRANIAL PROCEDURES WITH CC	1.5999	1.9	2.8
039 N	٧o	No	01	SURG	EXTRACRANIAL PROCEDURES WITHOUT CC/MCC	1.1410	1.2	1.4
040 Ye	'es	Yes	01	SURG	PERIPHERAL, CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES WITH MCC	3.8505	7.4	10.8
041 Ye	'es	Yes	01	SURG	PERIPHERAL, CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES WITH CC OR PERIPHERAL NEUROSTIMULATOR	2.2307	3.9	5.0
042 Ye	'es	Yes	01	SURG	PERIPHERAL, CRANIAL NERVE AND OTHER NERVOUS SYSTEM PROCEDURES WITHOUT CC/MCC	1.7398	2.4	3.0
052 N	٧o	No	01	 	SPINAL DISORDERS AND INJURIES WITH CC/MCC	1.9445	4.6	6.6
053 N	No	No	01	MED	SPINAL DISORDERS AND INJURIES WITHOUT CC/MCC	0.9838	2.8	3.7
054 Ye	'es	No	01	MED	NERVOUS SYSTEM NEOPLASMS WITH MCC	1.4735	4.0	5.8
055 Ye	'es	No	01	MED	NERVOUS SYSTEM NEOPLASMS WITHOUT MCC	1.0732	3.0	4.3

Appendix B: Numeric Lists of CCs and MCCs

Numeric CC List

		1 4262	A F 2 G 2	. 470.1	. Dan nn	D 41 α	DCC Ø	C16.1	C4Ø.Ø2	C64.2
AØØ.Ø	A18.13	A36.3	A52.Ø2	A79.1	BØ2.33	B41.Ø	B66.Ø			
AØØ.1	A18.14	A36.81	A52.Ø3	A79.81	BØ2.34	B41.7	B66.1	C16.2	C4Ø.1Ø	C64.9
AØØ.9	A18.15	A36.82	A52.Ø4	A79.82	BØ2.39	B41.8	B66.2	C16.3	C4Ø.11	C65.1
	A18.16	A36.83	A52.Ø5	A79.89	BØ2.7	B41.9	B66.3	C16.4	C4Ø.12	C65.2
AØ1.ØØ										
AØ1.Ø1	A18.17	A36.84	A52.Ø6	A79.9	BØ2.8	B44.1	B66.4	C16.5	C4Ø.2Ø	C65.9
AØ1.Ø2	A18.18	A36.85	A52.Ø9	A81.ØØ	BØ3	B44.2	B66.5	C16.6	C4Ø.21	C66.1
	A18.2	A36.86	A52.1Ø	A81.Ø1	BØ4	B44.7	B66.8	C16.8	C4Ø.22	C66.2
AØ1.Ø3										
AØ1.Ø4	A18.32	A36.89	A52.11	A81.Ø9	BØ5.1	B44.81	B67.Ø	C16.9	C4Ø.3Ø	C66.9
	A18.39	A36.9	A52.12	A81.1	BØ5.4	B44.89	B67.1	C17.Ø	C4Ø.31	C68.Ø
AØ1.Ø5			A52.15	A81.2	BØ5.81	B44.9	B67.2	C17.1	C4Ø.32	C68.1
AØ1.Ø9	A18.4	A37.ØØ								
AØ1.1	A18.5Ø	A37.1Ø	A52.16	A81.81	BØ5.89	B45.Ø	B67.31	C17.2	C4Ø.8Ø	C68.8
	A18.51	A37.8Ø	A52.17	A81.82	BØ6.ØØ	B45.2	B67.32	C17.3	C4Ø.81	C68.9
AØ1.2		A37.9Ø	A52.19	A81.83	BØ6.Ø2	B45.3	B67.39	C17.8	C4Ø.82	C7Ø.Ø
AØ1.3	A18.52									
AØ1.4	A18.53	A38.Ø	A52.2	A81.89	BØ6.Ø9	B45.7	B67.4	C17.9	C4Ø.9Ø	C7Ø.1
	A18.54	A38.1	A52.3	A81.9	BØ6.81	B45.8	B67.5	C18.Ø	C4Ø.91	C7Ø.9
AØ2.Ø		A38.8	A52.71	A82.Ø	BØ6.82	B45.9	B67.61	C18.1	C4Ø.92	C71.Ø
AØ2.23	A18.59									
AØ2.24	A18.6	A38.9	A52.72	A82.1	BØ6.89	B47.Ø	B67.69	C18,2	C41.Ø	C71.1
	A18.7	A39.82	A52.73	A82.9	BØ8.3	B47.1	B67.7	C18.3	C41.1	C71.2
AØ2.25			A52.74	A85.Ø	BØ8.71	B47.9	B67.8	C18.4	C41.2	C71.3
AØ2.29	A18.81	A39.83								
AØ2.8	A18.82	A39.84	A52.75	A85.1	B15.9	B48.2	B67.90	C18.5	C41.3	C71.4
	A18.83	A39.89	A52.76	A85.8	B16.1	B48.3	B67.99	C18.6	C41.4	C71.5
AØ2.9			A52.77	A86		B48.4	B68.Ø	C18.7	C41.9	C71.6
AØ3.Ø	A18.84	A39.9			B16.9					
AØ4.Ø	A18.85	A42.Ø	A52.78	A87.Ø	B17.Ø	B48.8	B68.1	C18.8	C45.Ø	C71.7
AØ4.1	A18.89	A42.1	A52.79	A87.1	B17.10	B49	B68.9	C18.9	C45.1	C71.8
	A21.Ø	A42.2	A54.ØØ	A87.2	B17.2	B5Ø.Ø	B69.Ø	C19	C45.2	C71.9
AØ4.2										
AØ4.3	A21.1	A42.81	A54.Ø1	A87.8	B17.8	B5Ø.8	B69.1	C2Ø	C46.Ø	C72.Ø
AØ4.4	A21.2	A42.82	A54.02	A87.9	B17.9	B51.Ø	B69.81	C21.0	C46.1	C72.1
		A42.89	A54.Ø3	A88.Ø	B18.Ø	B51.8	B69.89	C21.1	C46.2	C72.20
AØ4.5	A21.3									
AØ4.6	A21.7	A42.9	A54.Ø9	A88.8	B18.1	B51.9	B69.9	C21.2	C46.3	C72.21
	A21.8	A43.Ø	A54.1	A89	B18.8	B52.0	B7Ø.Ø	C21.8	C46.4	C72.22
AØ4.71			A54.21	A9Ø		B52.8	B7Ø.1	C22.Ø	C46.5Ø	C72.3Ø
AØ4.72	A21.9	A43.1			B18.9					
AØ4.8	A22.Ø	A43.8	A54.22	A91	B19.10	B52.9	B71.Ø	C22.1	C46.51	C72.31
	A22.2	A43.9	A54.23	A92.Ø	B19.9	B53.Ø	B71.1	C22.2	C46.52	C72.32
AØ4.9		A44.Ø	A54.24			B53.1	B71.8	C22.3	C46.7	C72.40
AØ5.Ø	A22.8			A92.1	B2Ø					
AØ5.1	A22.9	A44.1	A54.29	A92.2	B25.1	B53.8	B72	C22.4	C46.9	C72.41
	A23.8	A44.8	A54,30	A92.4	B25.8	B54	B73.00	C22.7	C47.Ø	C72.42
AØ5.2			A54.31			B55.Ø	B73.Ø1	C22.8	C47.1Ø	C72.5Ø
AØ5.3	A23.9	A44.9		A92.5	B25.9					
AØ5.4	A24.Ø	A48.51	A54.32	A92.8	B26.Ø	B55.1	B73.Ø2	C22.9	C47.11	C72.59
	A24.1	A48.52	A54.33	A92.9	B26.3	B55.2	B73.09	C23	C47.12	C72.9
AØ5.5			A54.39	A93.Ø	B26.81	B55.9	B73.1	C24.Ø	C47.2Ø	C74.00
AØ5.8	A24.2	A5Ø.Ø1								
AØ6.Ø	A24.3	A5Ø.Ø2	A54.4Ø	A93.1	B26.82	B56.Ø	B74.Ø	C24.1	C47.21	C74.Ø1
	A24.9	A5Ø.Ø3	A54.41	A93.2	B26.83	B56.1	B74.1	C24.8	C47.22	C74.Ø2
AØ6.1						B56.9	B74.2	C24.9	C47.3	C74.10
AØ6.2	A25.Ø	A5Ø.Ø4	A54.42	A93.8	B26.84					
AØ6.3	A25.1	A5Ø.Ø5	A54.43	A94	B26.85	B57.Ø	B74.3	C25.Ø	C47.4	C74.11
	A25.9	A5Ø.Ø6	A54.49	A95.Ø	B26.89	B57.1	B74.4	C25.1	C47.5	C74.12
AØ6.81						B57.2	B74.8	C25.2	C47.6	C74.90
AØ6.82	A27.0	A5Ø.Ø7	A54.82	A95.1	B33.1					
AØ6.89	A27,89	A5Ø.Ø8	A54.83	A95.9	B33.2Ø	B57.3Ø	B74.9	C25.3	C47.8	C74.91
	A27.9	A5Ø.Ø9	A54.84	A96.Ø	B33.21	B57.31	B75	C25.4	C47.9	C74.92
AØ7.1	A28.0	A5Ø.2	A54.85	A96.1	B33.22	B57.32	B76.Ø	C25.7	C48.Ø	C75.Ø
AØ7.2										
AØ7.3	A28.1	A5Ø.3Ø	A54.89	A96.8	B33.23	B57.39	B76.1	C25.8	C48.1	C75.1
AØ7.4	A28.2	A50.31	A54.9	A96.9	B33.4	B57.4Ø	B76.8	C25.9	C48.2	C75.2
	A28.8	A5Ø.32	A68.Ø	A98.Ø	B34.3	B57.41	B76.9	C33	C48.8	C75.3
AØ7.8								C34.00		C75.4
AØ7.9	A28.9	A50.39	A68.1	A98.1	B37.Ø	B57.42	B77.Ø		C49.Ø	
AØ8.Ø	A3Ø.Ø	A50.40	A68.9	A98.2	B37.41	B57.49	B77.89	C34.Ø1	C49.1Ø	C75.5
	A3Ø.1	A5Ø.43	A69.1	A98.5	B37.49	B57.5	B77.9	C34.Ø2	C49.11	C75.8
AØ8.11		A50.44	A69.2Ø	A98.8	B37.81	B58.ØØ	B78.Ø	C34.1Ø	C49.12	C75.9
AØ8.19	A3Ø.2									
AØ8.2	A3Ø.3	A5Ø.45	A69.21	A99	B37.82	B58.Ø1	B78.7	C34.11	C49.20	C77.Ø
AØ8.31	A3Ø.4	A5Ø.49	A69.22	BØØ.2	B37.83	B58.09	B78.9	C34.12	C49.21	C77.1
	A3Ø.5	A5Ø.51	A69.23	BØØ.5Ø	B37.84	B58.1	B79	C34.2	C49.22	C77.2
AØ8.32										
AØ8.39	A3Ø.8	A5Ø.52	A69.29	BØØ.51	B37.89	B58.82	B8Ø	C34.3Ø	C49.3	C77.3
AØ9	A3Ø.9	A5Ø.53	A7Ø	BØØ.52	B38.Ø	B58.83	B81.Ø	C34.31	C49.4	C77.4
	A31.Ø	A5Ø.54	A75.Ø	BØØ.53	B38.1	B58.89	B81.1	C34.32	C49.5	C77.5
A15.Ø										C77.8
A15.4	A31.1	A5Ø.55	A75.1	BØØ.59	B38.2	B58.9	B81.2	C34.8Ø	C49.6	
A15.5	A31.2	A50.56	A75.2	BØØ.81	B38.3	B6Ø.ØØ	B81.3	C34.81	C49.8	C77.9
	A31.8	A5Ø.57	A75.3	BØØ.89	B38.7	B6Ø.Ø1	B81.4	C34.82	C49.9	C78.ØØ
A15.6						B6Ø.Ø2		C34.9Ø	C49.AØ	C78.Ø1
A15.7	A31.9	A5Ø.59	A75.9	BØ1.Ø	B38.81		B81.8			
A15.8	A32.Ø	A51.31	A77.Ø	BØ1.81	B38.89	B6Ø.Ø3	B82.Ø	C34.91	C49.A1	C78.Ø2
	A32.11	A51.32	A77.1	BØ1.89	B38.9	B6Ø.Ø9	B97.21	C34.92	C49.A2	C78.1
A15.9					B39.3	B6Ø.1Ø	B97.33	C37	C49.A3	C78.2
A17.9	A32.12	A51.39	A77.2	BØ1.9						
A18.Ø1	A32.81	A51.42	A77.3	BØ2.Ø	B4Ø.Ø	B6Ø.19	B97.34	C38.Ø	C49.A4	C78.3Ø
A18.Ø2	A32.82	A51.43	A77.4Ø	BØ2.21	B4Ø.1	B6Ø.2	B97.35	C38.1	C49.A5	C78.39
	A32.89	A51.44	A77.41	BØ2.22	B4Ø.2	B65.Ø	C15.3	C38.2	C49.A9	C78.4
A18.Ø3										
A18.Ø9	A32.9	A51.45	A77.49	BØ2.23	B4Ø.3	B65.1	C15.4	C38.3	C56.1	C78.5
A18.1Ø	A34	A51.46	A77.8	BØ2.29	B4Ø.7	B65.2	C15.5	C38.4	C56.2	C78.6
		A51.49	A77.9	BØ2.3Ø	B4Ø.81	B65.3	C15.8	C38.8	C56.3	C78.7
A18.11	1 A36.0				~					
	A36.0				B10 80	R65 9	C15.0	$CA\alpha \alpha\alpha$	C56 9	C78 80
A18.12	A36.1	A52.00	A78	BØ2.31	B4Ø.89	B65.8	C15.9	C4Ø.ØØ	C56.9	C78.8Ø
					B4Ø.89 B4Ø.9	B65.8 B65.9	C15.9 C16.0	C4Ø.ØØ C4Ø.Ø1	C56.9 C64.1	C78.80 C78.89