CORONAL DIAGNOSTIC SPECTROMETER
SoHO

CDS SOFTWARE NOTE No. 15

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CDS STUDY IDENTIFICATIONS

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1 Introduction

So far we have 39 suggested Studies. They are contained in the Blue Book (BB) [1] and in a Blue Book Supplement (BBS) [2] which is about to be distributed. Since the numeric ID can be between 0 and 255 I would suggest that the schemes fit into the following order:

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- From 0000   Test Studies
- From 0100   Science Studies
- From 0200   Calibration Studies
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2 Mnemonic and ID specification

There may be a desire to define further groups but there is plenty of room at this time. So, given the Studies we have, I would suggest the following:

Mnemonic	ID-code	Comment	Reference
TEST1	0000	GI Switch On	BB p73
TEST2	0001	NI Switch On	BB p74
TEST3	0002	CDS Coarse Pointing Calib.	BB p77
TEST4	0003	CDS Fine Pointing Calib.	BB p78
TEST5	0004	GI Test Study	BB p79
TEST6	0005	NI Test Study 1	BB p81
TEST7	0006	NI Test Study 2	BB p83

Table 1: Test Studies

References

[1] R. A. Harrison. The Coronal Diagnostic Spectrometer for SoHO: Scientific report. version 5.0, 1993.

[2] R. A. Harrison. The Coronal Diagnostic Spectrometer for SoHO: Scientific report. Supplement, 1993.

Mnemonic	ID-code	Comment	Reference
SPECT	0100	GI Spectral Atlas	BB p86
NISAT	0101	NI Spectral Atlas	BBS
SYNOP	0102	Synoptic N-S Scan	BB p91
HIVEL	0103	High Velocity Event Study	BB p94
EJECT	0104	Mass Ejection Study	BB p88
EMSQS	0105	Emission Measure QS Study	BB p97
CHOLE	0106	Coronal Hole Study	BB p100
TGRAD	0107	T Gradient in C. Hole	BB p103
PTCOR	0108	Peak T in Corona	BB p106
HELEN	0109	Helium Enhancement QS	BB p110
WAVES	0110	Wave Activity Study	BB p112
PROMS	0111	Prominence Observation	BB p116
AERON	0112	Aeronomy Study	BB p119
INHOM	0113	Inhomogeneities in Corona	BB p121
ABVAR	0114	Abundance Variations	BB p123
SPOTV	0115	Sunspot Velocities	BB p125
DYNAC	0116	Dynamics of Active Structures	BB p127
COSAR	0117	Corona Above AR	BB p129
BROAD	0118	Broadening with Altitude	BB p131
STREM	0119	Streamer Study	BBS
FLARE	0129	Elementary Heating Events	BBS

Table 2: Science Studies

Mnemonic	ID-code	Comment	Reference
ALIGN	0200	Alignment Calibration Study	BB p133
ICCAL	0201	Intensity Cross Calibration	BB p135

Table 3: Calibration Studies