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# ISDAT Documentation Plan

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Change bars for issue 1.0



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# 1 Introduction

## 1.1 Purpose of the document

This document gives a summary of all the documents concerning ISDAT.

## 1.2 Scope of the documentation

All the different parts in ISDAT are intended to be documented. The documents are organized into a number of sections and subsections, which you can see in the document tree. You should be able to get the documents from the Web-server.

## 1.3 Definitions, acronyms, and abbreviations

Acronym	Meaning
ADD	Architectural Design Document
API	Application Programmer's Interface
CSDS	Cluster Science Data System
CUI	Cluster User Interface
CWD	Cluster WEC Data handling
DDD	Detailed Design Document
DP	Documentation Plan
DS	Data System
EFW	Electrical Field and Waves
ES	Executive Summary
IPG	ISDAT Programmers Guide
IM	Installation Manual
ISDAT	Interactive Science Data Analysis Tool
RS	Requirements Specification
SDC	Scandinavian Data Centre
SDP	Software Documentation Plan
SPMP	Software Project Management Plan
SUM	Software Users Manual
SVVT	Software Verification, Validation and Test
TN	Technical Notes
TP	Test Plan
UR	User Requirements
URD	User Requirements Document
WEC	Wave Experiment Consortium

## 1.4 Overview of the document

The document mainly consists of a document tree with all the existing documents and a list of the document identifications in alphabetical order with corresponding document titles.

## 2 Document tree of the ISDAT documents

### ISDAT

#### General

- CWD-DDD-001
- CWD-IPG-001
- CWD-IPG-002
- CWD-IPG-003
- CWD-IPG-004
- CWD-IPG-005
- CWD-IPG-006
- CWD-IRF-TN-001
- CWD-SUM-001
- Intro
- ISDAT-DP-0001

#### Kernel

#### Server

#### Clients

- CWD-IRFU-SM-0003
- CWD-IRFU-UM-0006
- CWD-SUM-002

#### Projects

##### WEC

- CWD-ADD-0001
- CWD-DDD-0001
- CWD-IRFU-TP-0001
- CWD-LPCE-DD-0001
- CWD-OBSPM-DD-001
- CWD-OBSPM-TN-001
- CWD-SDP-0001
- CWD-SPMP-001
- CWD-URD-001

##### EFW

- EFW-IRFU-TN-0001
- EFW-IRFU-TN-0002
- EFW-IRFU-TN-0003
- EFW-IRFU-TN-0004
- EFW-IRFU-TN-0005
- EFW-IRFU-TN-0006

#### API

#### CUI

- DS-IRF-AD-0001
- DS-IRF-IM-0001
- DS-IRF-TN-0002
- DS-IRF-TN-0003
- DS-IRF-TP-0001
- DS-IRF-UM-0001
- DS-IRF-UM-0002
- DS-IRF-UM-0003
- DS-IRF-UM-0004
- DS-IRF-UM-0005

DS-IRF-UM-0006  
DS-IRF-UM-0007  
DS-IRF-UM-0008  
DS-IRF-UM-0009  
DS-SDC-AD-0001  
DS-SDC-DDD-0001  
DS-SDC-DDD-0002  
DS-SDC-ES-0001  
DS-SDC-ES-0002  
DS-SDC-ID-0001  
DS-SDC-SR-0001  
DS-SDC-TN-0001  
DS-SDC-TP-0001  
DS-SDC-UR-0001  
DS-WEC-TN-0001

### 3 List of the Documents

Document ID	Document title	Date
CWD-ADD-0001	WEC Detailed Data Analysis Software	May 1995
CWD-DDD-001	ISDAT Detailed Design	March 1994
CWD-DDD-0001	WEC Detailed Data Analysis Software	Aug 1994
CWD-IPG-001	ISDAT Programmers Guide 2. DBH Instrument modules	Feb 1994
CWD-IPG-002	ISDAT Programmers Guide 3. Clients	Feb 1994
CWD-IPG-003	ISDAT Programmers Guide 4. Filters	Feb 1994
CWD-IPG-004	ISDAT Programmers Guide 5. Libraries	Feb 1994
CWD-IPG-005	ISDAT Programmers Guide 6. External software packages	Feb 1994
CWD-IRF-TN-001	ISDAT Definition of Filters	Nov 1994
CWD-IRFU-SM-0003	ISDAT igr, General Purpose Data Manipulation and Display Client, User's Manual	June 1996
CWD-IRFU-TP-0001	WEC ISDAT Software Verification and Validation Plan	Apr 1996
CWD-IRFU-UM-0006	ISDAT User's Manual; Client ghplot	Nov 1995
CWD-LPCE-DD-0001	WEC Calibration Files	March 1995
CWD-OBSPM-DD-001	The Structure of the WEC/ISDAT Data	March 1995
CWD-OBSPM-TN-001	WEC Requirements Specification; The Joining of Cluster WEC Data	Sept 1994
CWD-SDP-0001	WEC Detailed Data Analysis; Software Documentation Plan	May 1995
CWD-SPMP-001	WEC Detailed Data Handling; Software Project Management Plan	July 1994
CWD-SUM-001	ISDAT Users Manual	March 1994
CWD-SUM-002	ISDAT Users Manual; Time Manager stm	March 1994
CWD-URD-001	WEC Detailed Data Analysis; Software User Requirements	June 1994
DS-EST-RS-0001	Cluster Science Data System; Requirements Specificaation	Sept 1994
DS-IRF-AD-0001	CSDS User Interface; ISDAT Architectural Design Document	Oct 1995
DS-IRF-IM-0001	CSDS User Interface; ISDAT Installation Manual	Oct 1995
DS-IRF-TN-0002	CSDS User Interface; ISDAT 2.1 Release Note	Apr 1995
DS-IRF-TN-0003	CSDS User Interface; ISDAT 2.2 Release Note	Oct 1995
DS-IRF-TP-001	ISDAT Software Verification and Validation Plan	Oct 1994
DS-IRF-UM-0001	CSDS User Interface; ISDAT 2.1 User Manual	March 1995
DS-IRF-UM-0002	CSDS User Interface; ISDAT 2.1 Server User Manual	March 1995
DS-IRF-UM-0003	CSDS User Interface; ISDAT 2.1 cuigr Client User Manual	March 1995
DS-IRF-UM-0004	CSDS User Interface; ISDAT 2.1 cuitm User Manual	March 1995
DS-IRF-UM-0005	CSDS User Interface; ISDAT 2.1 cuimeta Client User Manual	March 1995
DS-IRF-UM-0006	CSDS User Interface; ISDAT 2.1 User Defined IDL Clients	March 1995
DS-IRF-UM-0007	CSDS User Interface; ISDAT 2.1 User Defined C Clients	March 1995
DS-IRF-UM-0008	CSDS User Interface; ISDAT 2.1 search Client User Manual	March 1995
DS-IRF-UM-0009	CSDS User Interface; ISDAT 2.1 cuistat Client User Manual	March 1995
DS-SDC-AD-0001	CSDS Architectural Design for the SDC	Oct 1994
DS-SDC-DDD-0001	CSDS Detailed Design for the SDC; Part 1, General Description	Aug 1994
DS-SDC-DDD-0002	CSDS Detailed Design for the SDC; Part 2, Component Design Specifications	Aug 1994
DS-SDC-ES-0001	CSDS Detailed Design Review; SDC, Executive Summary	Feb 1995
DS-SDC-ES-0002	CSDS SDC, Readiness Review; Executive Summary	Sept 1995
DS-SDC-ID-0001	Interface Control Document for the Scandinavian Data Centre	Oct 1994
DS-SDC-SR-0001	CSDS Software Requirements for the SDC	Dec 1993
DS-SDC-TN-0001	CSDS SDC Acceptance Data Package	Sept 1995
DS-SDC-TP-0001	Software Test Plan for the Scandinavian Data Centre	Dec 1994
DS-SDC-UR-0001	Scandinavian Data Centre; User Requirements	Sept 1993
DS-WEC-TN-0001	The Structure of the WEC/ISDAT Data	June 1994
EFW-IRFU-TN-0001	Cluster EFW Analog Calibrations	March 1996
EFW-IRFU-TN-0002	Cluster EFW Introduction to Calibrations	Apr 1996
EFW-IRFU-TN-0003	Cluster EFW Digital Calibrations	Apr 1996
EFW-IRFU-TN-0004	Cluster EFW Application of Calibrations	March 1996
EFW-IRFU-TN-0005	Cluster EFW Mechanical Mounting of Units	Apr 1996
EFW-IRFU-TN-0006	Cluster EFW Analysis of Analog and Digital Calibrations	Feb 1996
Intro	Interactive Scientific Data Analysis Tool; An Introduction	March 1994
ISDAT-DP-0001	ISDAT Documentation Plan	Sept 1999