
**Space data and information transfer
systems — CCSDS Space Link Protocols
over ETSI DVB-S2 Standard**

*Systèmes de transfert des informations et données spatiales —
Protocole pour liaisons spatiales CCSDS utilisant la Norme ETSI DVB-S2*

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Recommendation for Space Data System Standards

**CCSDS SPACE LINK
PROTOCOLS OVER
ETSI DVB-S2
STANDARD**

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RECOMMENDED STANDARD

CCSDS 131.3-B-1

BLUE BOOK
March 2013

AUTHORITY

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This document has been approved for publication by the Management Council of the Consultative Committee for Space Data Systems (CCSDS) and represents the consensus technical agreement of the participating CCSDS Member Agencies. The procedure for review and authorization of CCSDS documents is detailed in *Organization and Processes for the Consultative Committee for Space Data Systems*, and the record of Agency participation in the authorization of this document can be obtained from the CCSDS Secretariat at the address below.

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The Consultative Committee for Space Data Systems (CCSDS) is an organization officially established by the management of its members. The Committee meets periodically to address data systems problems that are common to all participants, and to formulate sound technical solutions to these problems. Inasmuch as participation in the CCSDS is completely voluntary, the results of Committee actions are termed **Recommended Standards** and are not considered binding on any Agency.

This **Recommended Standard** is issued by, and represents the consensus of, the CCSDS members. Endorsement of this **Recommendation** is entirely voluntary. Endorsement, however, indicates the following understandings:

- o Whenever a member establishes a CCSDS-related **standard**, this **standard** will be in accord with the relevant **Recommended Standard**. Establishing such a **standard** does not preclude other provisions which a member may develop.
- o Whenever a member establishes a CCSDS-related **standard**, that member will provide other CCSDS members with the following information:
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 - The anticipated date of initial operational capability.
 - The anticipated duration of operational service.
- o Specific service arrangements shall be made via memoranda of agreement. Neither this **Recommended Standard** nor any ensuing **standard** is a substitute for a memorandum of agreement.

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In those instances when a new version of a **Recommended Standard** is issued, existing CCSDS-related member standards and implementations are not negated or deemed to be non-CCSDS compatible. It is the responsibility of each member to determine when such standards or implementations are to be modified. Each member is, however, strongly encouraged to direct planning for its new standards and implementations towards the later version of the Recommended Standard.

FOREWORD

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CONTENTS

<u>Section</u>	<u>Page</u>
1 INTRODUCTION	1-1
1.1 BACKGROUND	1-1
1.2 PURPOSE.....	1-1
1.3 SCOPE.....	1-1
1.4 APPLICABILITY.....	1-2
1.5 DOCUMENT STRUCTURE	1-2
1.6 NOMENCLATURE	1-3
1.7 DEFINITIONS AND CONVENTIONS.....	1-3
1.8 PATENTED TECHNOLOGIES	1-5
1.9 REFERENCE DOCUMENTS.....	1-5
2 OVERVIEW	2-1
2.1 ARCHITECTURE.....	2-1
2.2 SUMMARY OF FUNCTIONS	2-1
2.3 INTERNAL ORGANIZATION.....	2-2
3 CADU STREAM GENERATION	3-1
3.1 OVERVIEW.....	3-1
3.2 INPUT CCSDS TRANSFER FRAMES.....	3-1
3.3 CHANNEL ACCESS DATA UNIT.....	3-1
4 DVB-S2 TRANSMISSION	4-1
4.1 OVERVIEW	4-1
4.2 DVB-S2 MODE ADAPTATION FORMAT	4-1
4.3 AVERAGE SIGNAL ENERGY.....	4-1
4.4 SHAPING FILTERING	4-2
5 MANAGED PARAMETERS	5-1
5.1 OVERVIEW	5-1
5.2 PERMANENT MANAGED PARAMETERS	5-1
5.3 VARIABLE MANAGED PARAMETERS	5-3
ANNEX A SERVICE DEFINITION (NORMATIVE)	A-1
ANNEX B SECURITY, SANA, AND PATENT CONSIDERATIONS (INFORMATIVE)	B-1

CONTENTS (continued)

<u>Section</u>	<u>Page</u>
ANNEX C ACRONYMS AND TERMS (INFORMATIVE)	C-1
ANNEX D DVB-S2 SPECTRAL EFFICIENCIES (INFORMATIVE)	D-1

Figure

1-1 Bit Numbering Convention.....	1-5
2-1 Relationship with OSI Layers.....	2-1
2-2 Stream Format While Transmitting CCSDS Transfer Frames Using DVB-S2.....	2-3

Table

5-1 Permanent Managed Parameters for Transfer Frame Synchronization.....	5-2
5-2 Permanent Managed Parameters for DVB-S2 Transmission	5-2
5-3 Variable Managed Parameters.....	5-3

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