DLR inputs on the information provided with the strategic plan. In general the given documentation is in a very good shape. Some minor issues will be mentioned.

General Comments to the CWE

1. On-line Strategic Plan
	* Technical goals, existing / Approved / Draft Projects
2. Approved / Draft Projects (CWE Project Section Views existing and Draft Projects)
	* If there are two prototypes from the same agency it should be indicated, why they are independent.
	* a lot of projects (charters approved) come along with no CCSDS number.
	* The status “on schedule”/”behind schedule” is mysterious. All projects indicated as behind schedule are missing the timing goals within an acceptable margin. But there are many projects without “Actual Completion Dates”. The “Estimated Completion Dates” are only of interest for further planning, when these dates are future dates. Without an “Actual Completion Date” you cannot trust the “Estimated Completion Dates”, and take it for “Actual Completion Dates” if they are in the past.
3. WG Charters
	* A lot of charters are pending, this is valid not only for BOFs but also for long existing WGs. These charters should be approved during the November meeting.

SEA Area

1. On-line Strategic Plan
	1. Comments to Area Objectives and Technical strategic Goals
	Is Goal 5 already a goal of this area? Or might that be a future goal?
	2. Comments on Published Informational Reports and Experimental Specifications (i.e. GB / OB)
	CCSDS 350.9-G-1 Cryptographic Algorithms appears in goal 1 and 7, is that intended?
	3. Comments on Published Recommended Standards / Practices (i.e. BB/MB)
	4. Comments on Informational Reports in Production and Experimental Specifications ‎(i.e. approved GB / OB Projects)
	5. Comments on Recommended Standards / Practices Currently in Production ‎(i.e. approved BB / MB Projects)

CWE Doc. TBD Symmetric Key Management Recommendations (Magenta Book) appears in goal 1 and 7, is that intended?

* 1. Comments on Future Work ‎ (i.e. Draft Projects)
1. Security WG
	1. Comments on Charter
	2. Comments on Approved Projects (the ones currently in the CWE Project section (View existing Project)
	Xxx Network Layer Security Adaptation Profile (Blue Book), no actual completion dates until CMC approval
	Xxx Symmetric Key Management Rationale (Green Book), actual completion dates till “Internal WG Review - Second draft circulated to WG” are missing.
	3. Comments on Draft Projects (the ones currently in the CWE Project section (View Draft Project)
2. Delta-DOR WG
	1. Comments on Charter
	2. Comments on Approved Projects (the ones currently in the CWE Project section (View existing Project)
	506.0 Delta-DOR operations - Issue 2 (Magenta Book), actual completion dates till Rid resolution of first agency review are missing.
	Xxx Delta-DOR Quasar Catalogue development (Magenta Book), actual completion dates till Rid resolution of first agency review are missing.
	500.1 Delta-DOR technical Characteristics and performance - Issue 2 (Green Book), actual completion dates till Internal WG - First draft comments due Review are missing.
	3. Comments on Draft Projects (the ones currently in the CWE Project section (View Draft Project)

MOIMS Area (ditto SEA Area)

Including NAV, SM&C, DAI, TEL WGs

1. Comments on Charter
2. Comments on Approved Projects (the ones currently in the CWE Project section (View existing Project)

2.01 Data Archive Ingestion Working Group
Xxx Data Entity Dictionary Specificaton Language (DEDSL) - XML Schema (Blue Book), actual completion dates till “Internal WG Review - Second draft circulated to WG” are missing.
653.0 Information Curation Process (Magenta Book), actual completion dates till First Agency Review are missing.
Xxx Producer Archive Interface Specification Tutorial (Green Book), completion dates till Secretariat Document Processing are missing.

2.02 Navigation Working Group
500.0-G-4 Navigation Data—Definitions and Conventions, project is indicated as behind schedule. This could not be derived from the dates given with the project.
50x.y Navigation Data Messages Overview Green Book

2.04 Spacecraft Monitoring and Control Working Group
Xxx Mission Operations - Mission Data Product Distribution Services
Xxx Mission Operations - Message Abstraction Layer Binding to ZeroMQ Transport and CNES Binary Encoding
Xxx Mission Operations - Massage Abstraction Layer Binding to TCP/IP Transport and Split Binary Encoding
Xxx Mission Operations - HTTP Transport and XML Encoding
Xxx Mission Operations - HTTP Transport and XML Encoding

2.06 Telerobotics Working Group
Xxx Telerobotic Standard (Blue Book), no actual completion dates until First Agency Review
Xxx Telerobotics Standard Roadmap (Green Book)

**MOIMS GOAL 4,7,8 and 9**

Strategic goal 4 should be added in the mentioned MOIMS Goals.

What means CW DOC, TBC? No number assigned for approved projects? (Recommended Standards / Practices Currently in Production)

1. Comments on Draft Projects (the ones currently in the CWE Project section (View Draft Project)

CSS Area (ditto SEA Area)

Including SM and CSTS WGs

1. Comments on Charter
2. Comments on Approved Projects (the ones currently in the CWE Project section (View existing Project)

3.06 Cross support Transfer Services WG should be approved in Darmstadt.

1. Comments on Draft Projects (the ones currently in the CWE Project section (View Draft Project)

### CSS GOAL 4— TERRESTRIAL GENERIC FILE TRANSFER

Here are not strategic goal related, 4 and 7 must be added

SOIS Area (ditto SEA Area)

Including App and WIR WGs

1. Comments on Charter
2. Comments on Approved Projects (the ones currently in the CWE Project section (View existing Project)

4.02 Application Support Services Working Group
876.1 Specification for Dictionary of Terms for Electronic Data Sheets for Onboard Components, no actual completion date till RID resolution of first agency review
Xxx Electronic Data Sheets and Common Dictionary of Terms - Overview and Rationale
876.0 Electronic Data Sheets and Common Dictionary of Terms - Overview and Rationale, no actual completion date till RID resolution of first agency review

### SOIS GOAL 2

Strategic goal 4 and 6 should be added in the mentioned Goals.

### SOIS GOAL 3

There are no documents or anything defined here

1. Comments on Draft Projects (the ones currently in the CWE Project section (View Draft Project)

SLS Area (ditto SEA Area)

Including RFM, C&S, MHDC, SLP, SDLS AND OPT WGs

1. Comments on Charter
2. Comments on Approved Projects (the ones currently in the CWE Project section (View existing Project)

5.01 RF and Modulation Working Group
413.1 Simultaneous Transmission of GMSK Telemetry and PN Ranging, no actual completion date till Internal WG review - Final WB submitted to AD for further processing

5.02 Space Link Coding and Synchronization Working Group
431.1 Variable Code and Modulation (VCM) Systems for CCSDS, no actual completion date till First Agency Review
131.0 Update TM channel coding Blue Book with LDPC slicing, no actual completion date till First Agency Review - RID Resolution
231.0 Next Generation Uplink Coding, no actual completion date till Secretariat Document Processing
for 130.11 TM Channel Coding for SCCC, Green Book: outdated CMC approval date;

5.10 Optical Communications Working Group
For 142.0 Optical Communications Coding & Synchronization Blue Book, actual completion dates till Internal WG Review - First draft comments due are missing, comments are outdated;
For 141.0 Optical Communications Physical Layer Blue Book, comments are outdated;
For 140.0 Optical Communications Concepts and Terminologies Green Book, comments are outdated;
For 140.1 Real-Time Weather and Atmospheric Characterization Data Green Book, actual completion dates till Internal WG Review - Second draft circulated to WG are missing, comments are outdated;
3. Comments on Draft Projects (the ones currently in the CWE Project section (View Draft Project)

SIS Area (ditto SEA Area)

Including MIA, DTN, VOICE and CFDP WGs

1. Comments on Charter
2. Comments on Approved Projects (the ones currently in the CWE Project section (View existing Project)

6.09 Delay Tolerant Networking Working Group
Xxx Contact Graph Routing (CGR) for CCSDS
Xxx Bundle Security Protocol for CCSDS

6.12 CFDP Revisions Working Group

Xxx CCSDS File Delivery Protocol (CFDP) Update -- Implementer's Guide
Xxx CCSDS File Delivery Protocol (CFDP) Update -- Interoperability Test Plan
Xxx CCSDS File Delivery Protocol (CFDP) Update -- Introduction and Overview, no actual completion date till Final WB submitted to AD for further processing
Xxx CCSDS File Delivery Protocol (CFDP) Update -- Blue Book

### SIS GOAL 3

Strategic goal 2 and 6 should be added in the mentioned Goals.

1. Comments on Draft Projects (the ones currently in the CWE Project section (View Draft Project)

Additional comments (if any)

The xxx show the projects with missing CCSDS number!