

CCSDS NAVIGATION WG ACTION ITEMS

(From JHU/APL, Maryland, USA, Jun 2025, Chronological Order)

Last Update: 20-Jul-2025

CURRENT ACTION ITEMS

The following action items were produced during the meetings and completed or cancelled prior to the succeeding meetings. Action items that were produced but not completed are moved into the action items list of the succeeding meeting series. They are also available on the CWE at <https://cwe.ccsds.org/moims/docs/MOIMS-NAV/Meeting%20Materials/2025/Spring/navwg-action-items-202506.pdf> . (Note that the table below reflects the state as the "Last Update Date", which is not necessarily the state as of the end of the meetings.)

New Action/Outstanding Action Items

If "Status" = "Underway", then "Date" = "Target Date"

If "Status" = "Open", then "Date" = "Target Date"

If "Status" = "Complete", then "Date" = "Completion Date"

If "Status" = "Cancelled / Obsolete", then "Date" = "Cancellation Date"

Sort by "Status" (Descending), "Date" (Ascending), "##" (Ascending)

Highlighted = In Progress, Completed, or Cancelled since last telecon

##	Action Item	Category	Actionee	Status	Due Date (Original)	Date
34	Confirm TDM's Delta-DOR implementation	TDM	Kiyoshi	Underway	31-Jul-2025	21-Jul-2025
09	Produce TDM P-2.0.3 draft	TDM	Juan	Underway	15-Jan-2025	24-Jul-2025
11	Update CDM schemas for CDM 2.0 (P-1.4) (#50, #12 are dependent)	CDM	David	Underway	20-Nov-2022	27-Jul-2025
35	Query the history of USLP document as potential exemplar for resolution of NCM concept issues	NCM	David	Underway	27-Jun-2025	27-Jul-2025
50	Create XML schema 4.0.A Test Set (depends on #11)	CDM	David	Underway	14-May-2023	27-Jul-2025
39	Discuss NavSol for GNSS data in TraCSS	ODM	Dan/Dianne	Underway	31-Jul-2025	31-Jul-2025
49	Solve problem of linkage of JSON schema to instantiation	NDM/XML NDM/JSON	David	Underway	15-Sep-2025	27-Aug-2025
91	Review NavWG registry "Provisional" assignments and request change to "Assigned", as applicable.	SANA	David	Underway	31-May-2024	27-Aug-2025
28	Rob/Dan work on LDM	LDM	Dan/Rob	Underway	12-Sep-2025	12-Sep-2025
59	Vitali work on FDM	FDM	Vitali	Underway	12-Sep-2025	12-Sep-2025
52	Prepare Navigation Events Message White Book 1.0	NEM	Alain / Frank	Underway	01-Jul-2025	15-Sep-2025
86	Discuss Blue Book PDF names with CCSDS Tech Support (e.g., ...e2c2.pdf)	Web	David	Underway	03-May-2024	15-Sep-2025
02	Prepare LDM White Book 1	LDM	Dan	Underway	12-Jun-2024	31-Dec-2025
55	Transform "Navigation Data - Definitions & Conventions" to a SANA application	SANA	Julie	Underway	30-Apr-2026	30-Apr-2026
21	Distribute TDM P-2.0.3	TDM	Juan	Open	21-Jul-2025	24-Jul-2025
22	Prepare TDM Proofreading Review Assignments (depends on #21)	TDM	David	Open	24-Jul-2025	27-Jul-2025
19	Write up Objectives and a Use Case Justification for CCSDS Navigation Working Group to develop a new GNSS Standard.	General	Dianne / Rob	Open	15-Dec-2024	31-Jul-2025

##	Action Item	Category	Actionee	Status	Due Date (Original)	Date
47	Check whether still in possession of ADM V.2 XML tests	NDM/XML	Jose Miguel	Open	15-Sep-2025	31-Jul-2025
61	TraCSS CDM/OCM Listening Session	CDM/ODM	Dianne	Open	01-Aug-2025	01-Aug-2025
20	Review UDL and identify any "useful" data types missing from the TDM 2.0.3.	TDM	Jose Miguel	Open	30-Jun-2025	04-Aug-2025
00	Research "master" XML schema conversions to JSON	NEM	David	Open	30-Jun-2024	27-Aug-2025
06	Provide multiple references for NDMXML schemas on SANA (505+50x as applicable... do with NDM/XML 4)	NDM/XML	David	Open	31-Aug-2024	27-Aug-2025
12	Update CDM style sheet for CDM 2.0 (depends on #11)	CDM	David	Open	04-Dec-2022	27-Aug-2025
23	Perform TDM P-2.0.3 Proofreading Review (depends on #22)	TDM	All, as assigned	Open	31-Aug-2025	27-Aug-2025
43	Determine TraCSS Contact info for SANA Organizations Page	SANA	Dianne	Open	01-Sep-2025	27-Aug-2025
60	Prepare new project for update of Navigation Data Definitions & Conventions	NDDC	David	Open	31-Dec-2023	27-Aug-2025
26	Update to UNOOSA Compendium of Space Debris Standards https://www.unoosa.org/oosa/de/ourwork/topics/space-debris/compendium.html	General	Dan/David	Open	31-Aug-2025	31-Aug-2025
58	Confirm editorial correction to fix contradiction discovered in OCM related to default values in optional keywords	ODM	David	Open	20-Jun-2025	31-Aug-2025
31	Add telephone contact # and email for TraCSS on "Organizations" registry.	SANA	SANA	Open	15-Sep-2025	15-Sep-2025
33	Review NavWG SANA registries with respect to Policy = "WG Chair" and Authority = "CCSDS.MOIMS.NAV"	SANA	David	Open	15-Sep-2025	15-Sep-2025
41	Develop UNOOSA brochures for Nav WG	SANA	Dan/David	Open	15-Sep-2025	15-Sep-2025
42	Select GNSS orbital elements for SANA	SANA	Dan/Jose Miguel	Open	15-Sep-2025	15-Sep-2025
45	Send "canned" query to Julie	SANA	David	Open	15-Sep-2025	15-Sep-2025
56	Identify some "longer" message examples to post on the SANA	SANA	Juan	Open	15-Sep-2025	15-Sep-2025
24	Prepare TDM P-2.0.4 Draft (post-proofread)	TDM	Juan	Open	26-Sep-2025	26-Sep-2025
25	Submit TDM P-2.0.4 to MOIMS AD	TDM	David	Open	29-Sep-2025	29-Sep-2025
74	Prepare Navigation references for SANA Registry (#96 is dependent)	SANA	David	Open	31-Oct-2018	15-Oct-2025
36	Check all SANA Links to References (depends on #96)	SANA	David	Open	15-Jun-2023	31-Oct-2025
96	SANA implementation of Nav References (depends on #74)	SANA	SANA	Open	31-Jan-2019	31-Oct-2025
16	Request deletion of "Conjunction Data Message Catalog Name" registry (post-CDM 2.0 publication)	SANA	David	Open	18-Jan-2023	31-Dec-2025
37	Experiment with develop in XML, translate to JSON and vice versa	NCM	David	Open	31-Dec-2025	31-Dec-2025
40	UNOOSA brochures on SANA	SANA	Dan/Julian	Open	31-Dec-2025	31-Dec-2025

##	Action Item	Category	Actionee	Status	Due Date (Original)	Date
51	Arrange for floating point number and other data type changes in other documents after CDM V.2 is Blue.	"All"	David	Open	31-Jan-2024	31-Dec-2025
46	Info regarding Felix Hoots new element set	SANA	Cheryl	Complete	15-Sep-2025	16-Jun-2025
27	Send CDM Test Plan and CDM Word version to Alinda Mashiku, NASA/CARA	CDM	Brian	Complete	20-Jun-2025	18-Jun-2025
53	Decision from OSC/TraCSS regarding CDM direction (2nd Metadata section for "With respect to" Object1 or Object 2	CDM	Wolff, Baumann, Starzyk	Complete	30-Jun-2025	25-Jun-2025
38	Propose editorial correction to fix contradiction discovered in OCM related to default values in optional keywords	ODM	David	Complete	20-Jun-2025	28-Jun-2025
30	Send updated test plan to all WG members	CDM	Brian	Complete	20-Jun-2025	01-Jul-2025
48	Create CDM P-1.4	CDM	Brian	Complete	31-Aug-2025	01-Jul-2025
57	Vote regarding the meeting schedule between Spring 2025 and Fall 2025 Meetings (see Spring 2025 minutes at the end).	Nav WG	ALL	Complete	23-Jun-2025	06-Jul-2025
32	Confirm relative reference frames language (what contribution? Coriolis? WxR)	SANA	Patrick	Complete	15-Sep-2025	07-Jul-2025
44	Remove specific CDM version # from NTW_Rotating & RSW_INERTIAL frames	SANA	SANA	Complete	15-Sep-2025	09-Jul-2025
54	Change all SANA "Terms" entries attributed to "[ccsds-500.0-G-n]" to "[ccsds-NavWG]"	SANA	SANA	Complete	15-Sep-2025	09-Jul-2025
81	Prepare Corrigendum for Green Book	NDDC	David	Cancelled / Obsolete	10-Apr-2024	13-Jun-2025
94	Library of referenced papers on CWE	CWE	David	Cancelled / Obsolete	10-May-2021	13-Jun-2025
29	Design test of dual relative metadata concept and add to test plan	CDM	Brian	Cancelled / Obsolete	20-Jun-2025	25-Jun-2025
05	Prepare NEM White Book 1	NEM	Alain / Frank	Cancelled / Duplicate	12-Jun-2024	01-Jul-2025
62	Next available action item number	N/A	N/A	AAAAAA	15-Sep-2035	15-Sep-2035