DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS00 header			
description		This JSON data submission should be populated with the project (not contract) data. A valid JSON file contains the header data documented on this page, and one data set specified in the following pages. A complete monthly PARS submission consists of several JSON files inside a zip file, and should include DS01 to DS07, and optionally include DS08 to DS22. A correctly formatted PARS JSON Upload should consist of a zip file file named with the PARSID and CPP status date, for example: 1026_2023-07-28.zip. This zip file should contain JSON files with the DS number and title, for example: DS01_WBS.json DS07_IMPR_header.json Within each JSON file, PARSID and CPP_status_date should be identical, and match the zip file name. Technical documentation of the PARS JSON Schema format can be found here. Valid data sets documented in this DID include: • DS00 header • DS01 WBS • DS02 OBS • DS03 cost • DS04 schedule • DS05 schedule_logic • DS06 schedule_resources • DS07 IPMR_header • DS08 WAD • DS09 CC_log • DS10 CC_log_detail • DS11 variance • DS12 variance_CAL • DS13 subK • DS14 HDV_CI • DS15 risk_register • DS16 risk_register_tasks • DS17 WBS_EU • DS18 schedule_EU • DS19 schedule_calendar_std • DS20 schedule_calendar_exception • DS21 rates • DS22 financial_calendar	
PARSID	X	PARS identifier for the project for which data is submitted. PARS_ID	string, maxLength: 4, numerical 3021
CPP_status_date	X	Contractor data-as-of-date. Align with DS22. CPP_status_date CPP-1.CPP_status_date = prior CPP_status_date CPP-2.CPP_status_date = prior 2nd CPP_status_date CPP-5.CPP_status_date = prior 5th CPP_status_date CPP+1.CPP_status_date = next CPP_status_date CPP-12.CPP_status_date = prior 12th CPP_status_date	string, must be date as YYYY-MM-DD 2022-08-21
$schema	X	Specify the version of the JSON schema against which this data submission was prepared. $schema	string, URL of PARS JSON Schema Version https://json.pars.doe.gov/pars-cpp-json-schema-v5-0-1.json
controlled_designation		Optionally, use this field to store any labeling or designations related to data security such as CUI designations. Populate as appropriate to your project or site's security policies. controlled_designation	string
revision		v1-0-0, 2022-07-19, PM-30, Melvin Frank, Updated for release v2-0-0, 2022-08-19, PM-30, Melvin Frank, Updated for release. v2-0-1, 2022-08-25, PM-30, Melvin Frank, Updated for release. v3-0-0, 2022-10-25, PM-30, Melvin Frank, Updated for release. v3-2-1, 2022-11-10, PM-30, Melvin Frank, Updated for release. v4-0-0, 2023-02-23, PM-30, Melvin Frank, Updated for release. v5-0-0, 2023-08-14, PM-30, Melvin Frank, Updated for release. v5-0-1, 2023-11-21, PM-30, Melvin Frank, Updated for release. v5-0-2, 2024-02-17, PM-30, Melvin Frank, Updated for release. v5-0-3, 2024-05-30, PM-30, Melvin Frank, Updated for release.	

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS01 WBS			
description		This data set should be populated with the project's contractor WBS identifiers for the entire span of the project (not the contract). Provide the contractor WBS identifiers in a hierarchical structure from the project (not the contract) level to the CA WBS level and to the WP and PP WBS levels. The data set should include all WBS identifiers in all other DSs in the same format. The data should align with dollarized RAM identifying intersections of CA WBS and OBS types.	
WBS_ID	X	Unique contractor WBS identifier. DS01.WBS_ID	string, maxLength: 50 W001.42.27.02
title	X	Unique WBS identifier title. DS01.title	string, maxLength: 255 Testing/Surveillance Improvements
level	X	WBS identifier hierarchical level relative to the project. The data is > 0, starting with 1 and increments by 1. The dataset should have only one level 1 WBS identifier that represents the entire project. DS01.level	integer, min. value: 1, max. value: 20
parent_WBS_ID		WBS identifier of the immediate hierarchical parent. Required unless DS01.level = 1. DS01.parent_WBS_ID	string, maxLength: 150 1.42.27
type	X	WBS type selection: • WBS = summary level • SLPP = summary level planning package (assigned to project manager not to a CAM; thus, is not a CA and does not have any WP, PP, or lower DS01.WBS_level • CA = control account • PP = planning package • WP = work package MR, UB, contingency, and SM tasks should be associated with DS01.type = WBS. Should be set to PP or SLPP if DS03.EVT = K. BCWS, BCWP, ACWP, and ETC are roll-ups where DS01.type = CA or WBS. BCWS, BCWP, ACWP, and ETC are accounted for where DS01.type = WP or PP. While not preferred, ACWP may be collected at the CA level, i.e. where DS01.type = CA. However, the level ACWP is collected must be uniform across the dataset, i.e., all at CA or all at WP. DS01.type	string, select from: WBS, SLPP, CA, PP, WP
OBS_ID		Unique contractor OBS identifier that should be aligned with the associated CA and DS02.OBS. If DS01.type is above the CA, associate to the higher level OBS identifier. DS01.OBS_ID	string, maxLength: 50 SC.CMCS.1.4.1
CAM		CAM selection: • CAM name for DS01.type = CA, WP, PP. • Project manager name for DS01.type = SLPP. • Project or appropriate manager name for DS01.type = WBS. Format: [last name] space [first name] space [middle initial, optional]. DS01.CAM	string, maxLength: 100 Whitney Zachary B
WPM		WP manager. Required if DS01.type is WP or PP. Format: [last name] space [first name] space [middle initial, optional]. DS01.WPM	string, maxLength: 100 Guitierez Jose
subproject_ID		Unique subproject identifier aligned with DS04.subproject_ID. Required if DS01.WBS_external = Y. DS01.subproject_ID	string, maxLength: 50
IMP_ID		Unique IMP identifier. DS01.IMP_ID	string, maxLength: 50
external	X	WBS is external to the project (Y or N). DS01.external	string, select from: Y, N
exit_criteria		Criteria to determine completion of the WBS scope. Required if DS01.type = CA or SLPP. Provide if available for DS01.type = WBS, WP, or PP. DS01.exit_criteria	string, maxLength: 3000
narrative	X	WBS identifier description from the EVMS cost tool; the scope statement or a short paragraph based on the WBS dictionary and aligned with DS08.narrative. Align with DS08.narrative. DS01.narrative	string, maxLength: 10000 Testing/Surveillance Improvements
K_ref		Contractual basis: contract number, section(s), and paragraph(s). Align with DS07.K_ID. DS01.K_ref	string, maxLength: 3000

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
BWC_ID		Unique base work construct identifier. Level 3 BWC where DS01.type = SLPP, WP, or PP. Level 2 and 3 BWC: • W.01 support • W.01.01 project • W.01.02 closeout • W.01.03 operations • W.02 engineering • W.02.01 R&D • W.02.02 conceptual • W.02.03 preliminary • W.02.04 final • W.02.05 general • W.03 procurement • W.03.01 general • W.04 construction • W.04.01 engineering support • W.04.02 demolition • W.04.03 site preparation • W.04.04 construction • W.05 SU-Cx • W.05.01 preparation • W.05.02 SU • W.05.03 cold cx • W.05.04 hot cx Note: As of v5-0-2, values in this field are not validated to exactly match with the options. It is anticipated that in future versions, BWC_IDs will be required to contain the code only, e.g., W.02.01. DS01.BWC_ID	string

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS02 OBS			
description		This data set should be populated with the project's contractor functionally-based OBS identifiers for the entire span of the project (not the contract). Provide the contractor OBS identifiers in a hierarchical structure from the project level to the CA WBS level. The data should include all OBS identifiers in all other DSs in the same format. The data should align with dollarized RAM identifying intersections of CA WBS and OBS types.	
OBS_ID	X	Unique contractor OBS identifier. DS02.OBS_ID	string, maxLength: 50 MB.FC.4.2.82
title	X	Unique OBS identifier title. DS02.title	string, maxLength: 255 Payroll & Benefits Accounting, Workforce Planning
level	X	OBS identifier hierarchical level relative to the project. The data is > 0, starting with 1 and increments of 1. The data should have only one level 1 OBS identifier, the OBS identifier representing the head of the contractor. DS02.level	integer, min. value: 1, max. value: 20
parent_OBS_ID		OBS identifier of the immediate hierarchical parent. Required unless DS02.level = 1. DS02.parent_OBS_ID	string, maxLength: 50 MB.FC.4.2.82
external	X	OBS is external to the project (Y or N). DS02.external	string, select from: Y, N
narrative		OBS identifier description from the EVMS cost tool. A short paragraph based on the functional OBS. Align with DS08.narrative. DS02.narrative	string, maxLength: 3000

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS03 cost			
description		This data set should be populated with the project's contractor EVMS cost tool time-phased data for the entire span of the project (not the contract). Provide the contractor EVMS cost tool time-phased data at the WP and PP WBS level by EOC. The data should be provided at the WP, PP, and SLPP WBS levels only with one period_date/WBS_ID_WP/EOC record; however, provide at CA WBS level for only those CAs where ACWP (DS03.ACWPi_dollars and DS03.ACWPi_units) is reported for entire project.	
period_date	X	Time-phased period end dates. The data should align with the the CPP_status_dates, and not change during the span of the project. DS03.period_date	string, must be date as YYYY-MM-DD 2020-01-01
WBS_ID_WP		Unique WBS Identifier when data is reported at WP or PP level. Omit if data is not reported at WP or PP level. • This should always have a matching entry in DS01.WBS_ID where DS01.type = WP or PP. DS03.WBS_ID_WP CPP-1.DS03.WBS_ID_WP = prior CPP_status_date	string, maxLength: 150 1.42.27.2
WBS_ID_CA	X	Unique WBS Identifier for the Control Account: • If data is reported at the CA level, populate with the CA WBS_ID where data is reported. • If data is reported at the WP or PP level, populate with the WBS_ID of the Control Account associated with the WP or PP. • This should always have a matching entry in DS01.WBS_ID where DS01.type = CA. DS03.WBS_ID_CA CPP-1.DS03.WBS_ID_CA = prior CPP_status_date	string, maxLength: 150 1.42.27.2
EOC	X	EOC selection: • labor • material • subcontract • ODC • indirect (may be used after coordination with PM. To consist only of indirect costs.) DS03.EOC	string, select from: labor, material, subcontract, ODC, indirect
EVT		EVT selection that should be aligned with DS04.EVT (provide explanations in DS03.justification_EVT): • A = LOE • B = weighted milestones (explain if utilized) • C = percent complete or for use in DS03, discrete (combination of discrete DS03.EVT excluding A, J, K, M, or NA) • D = units complete • E = 50-50 • F = 0-100 • G = 100-0 (explain if utilized) • H = variation of 50-50 (explain if utilized) • J = apportioned (explain if utilized) • K = planning package (overrides where DS01.type = PP or SLPP) • L = assignment percent complete (explain if utilized) • M = calculated apportionment (explain if utilized) • N = steps (explain if utilized) • O = earned as spent (explain if utilized) • P = percent manual entry (explain if utilized) • NA = only for DS01.type = CA where ACWP is reported for the entire project. Discrete EVTs for metrics consists of B, C, D, E, F, G, H, L, N, O, P. Required if DS01.type = WP, PP, or SLPP. DS03.EVT	string, select from: A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, NA
justification_EVT		Justification narrative where DS03.EVT = B, G, H, J, L, M, N, O, or P. DS03.justification_EVT	string
EVT_J_to_WBS_ID		DS03.WBS_ID_WP apportioned to, if DS03.EVT = J or M. DS03.EVT_J_to_WBS_ID	string
EVT_J_pct		Percent apportioned, if apportioned from another DS03.WBS_ID_WP. DS03.EVT_J_pct	number, max. of 2 decimal places
BCWSi_dollars	X	BCWS incremental (dollars). DS03.BCWSi_dollars DS03.BCWSc = cumulative DS03.DB = totalRP + 1 CPP-1,DS03.BCWSi_dollars = prior CPP_status_date, next period_date CPP-1,2.DS03.BCWSc,DB,BCWSi_dollars = prior 1st,2nd CPP_status_date	number, max. of 2 decimal places 11234.09, 355651.29

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
BCWPi_dollars	X	BCWP incremental (dollars). DS03.BCWPi_dollars DS03.BCWPc = cumulative CPP-1,2_DS03.BCWPc,BCWPi_dollars = prior 1st,2nd CPP_status_date	number, max. of 2 decimal places 11234.09, 355651.29
ACWPi_dollars	X	ACWP incremental (dollars). DS03.ACWPi_dollars DS03.ACWPc = cumulative CPP-1,2_DS03.ACWPc,ACWPi_dollars = prior 1st,2nd CPP_status_date	number, max. of 2 decimal places 11234.09, 355651.29
ETCi_dollars	X	ETC incremental (dollars). DS03.ETCi_dollars DS03.ETCc = cumulative	number, max. of 2 decimal places 11234.09, 355651.29
is_indirect		Represents indirect costs only (Y or N)? N if record is direct costs only. Omit this field if costs include both direct and indirect costs. DS03.is_indirect	string, select from: Y, N
BCWSi_hours	X	BCWS incremental (hours) where DS03.EOC = labor only. DS03.BCWSi_hours DS03.DB = total	number, max. of 2 decimal places 128.6, 45.3, 80.75
BCWPi_hours	X	BCWP incremental (hours) where DS03.EOC = labor only. DS03.BCWPi_hours DS03.BCWPc = cumulative	number, max. of 2 decimal places 128.6, 45.3, 80.75
ACWPi_hours	X	ACWP incremental (hours) where DS03.EOC = labor only. DS03.ACWPi_hours	number, max. of 2 decimal places 128.6, 45.3, 80.75
ETCi_hours	X	ETC incremental (hours) where DS03.EOC = labor only. DS03.ETCi_hours	number, max. of 2 decimal places 128.6, 45.3, 80.75
BCWSi_FTEs	X	BCWS incremental (FTE) where DS03.EOC = labor only. DS03.BCWSi_FTEs	number, max. of 2 decimal places
BCWPi_FTEs	X	BCWP incremental (FTE) where DS03.EOC = labor only. DS03.BCWPi_FTEs	number, max. of 2 decimal places
ACWPi_FTEs	X	ACWP incremental (FTE) where DS03.EOC = labor only. DS03.ACWPi_FTEs	number, max. of 2 decimal places
ETCi_FTEs	X	ETC incremental (FTE) where DS03.EOC = labor only. DS03.ETCi_FTEs	number, max. of 2 decimal places
CV_rpg	X	Reprogramming CV. Reprogramming adjustment, cost variance. DS03.CV_rpg	number, max. of 2 decimal places
SV_rpg	X	Reprogramming SV. Reprogramming adjustment, schedule variance. DS03.SV_rpg	number, max. of 2 decimal places
BAC_rpg	X	Reprogramming BAC. Reprogramming adjustment, DB variance. DS03.BAC_rpg	number, max. of 2 decimal places
CC_ID		Charge code identifier. DS03.CC_ID	string, maxLength: 50 MB.FC.4.2.82, MB.WC.1.4.1, MB.WC.1.8.1, SC.CMCS.1.4.1
CC_description		Charge code description. DS03.CC_description	string, maxLength: 3000 Payroll & Benefits Accounting, Workforce Planning

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS04 schedule			
description		This data set should be populated with the project's contractor BL and FC IMS tool data for the entire span of the project (not the contract). Provide the contractor BL and FC IMS tool data by task. There should be alignment between the BL and FC IMSs.	
schedule_type	X	Schedule type selection: • BL = baseline • FC = forecast The data should be scheduled by the schedule tool. DS04.schedule_type CPP-1.schedule_type = prior CPP_status_date	string, select from: BL, FC
task_ID	X	Task identifier. DS04.task_ID CPP-1.DS04.task_ID = prior CPP_status_date	string, maxLength: 50 AHBL1190, TASK-1, TASK-2, TASK-3
type	X	Task type selection: • TD = task dependent. Task is scheduled using its task calendar. • RD = resource dependent. Task is scheduled using its resource calendar(s). • LOE = level of effort. Task duration by its dependent task. Used for administration type tasks. Use should be limited. Likely DS04.EVT = A (level of effort) but could be different. Should have a start-to-start and a finish-to-finish predecessor relationship to a discrete tasks(s). • SM = start milestone. Tasks with 0 duration and no resources. • FM = finish milestone. Task with 0 duration and no resources. • WS = WBS summary. Task of aggregated tasks with common DS04.WBS_ID. Use should be limited. DS04.type CPP-1.DS04.type = prior CPP_status_date	string, select from: TD, RD, LOE, SM, FM, WS
description	X	Unique task description. Should be descriptive with a verb. DS04.description	string, maxLength: 255
subtype		Task subtype selection: • SVT = A non-PMB task for visibility/functionality to characterize potential impacts to the logic-driven network. Generally based on another project as a predecessor with a finish-to-start relationship. Generally constrained based on programmatic schedule with DS04.constraint_type = CS.MSOA or DS04.constraint_type = CS.MEOA but may be a hard constraint; DS04.constraint_type = M; not resource loaded. • ZBA = zero budget activity. For subK payment tasks. Used on a limited basis; not resource loaded. Align with DS04.milestone_level = 8xx. DS04.subtype	string, select from: SVT, ZBA

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
milestone_level		Milestone level selection for tasks that identify key milestones, deliverables, and control point dates (DS04.type = SM or FM). Milestone level should align with DS04.constraint_type as appropriate. • 1xx = DOE O 413.3B milestones. All 1xx are considered DS04.task_subtype = SVT, unless otherwise noted. Required milestones: All DOE Order 413.3B milestones and milestones 100, 175, 180, 190, 195, 199. • 100 = approve start project • 110 = approve CD-0 • 111 = approve CD-0R-01 • 112 = approve CD-0R-02 • 120 = approve CD-1 • 121 = approve CD-1R-01 • 122 = approve CD-1R-02 • 130 = approve CD-2 • 131 = approve BCP-01 • 132 = approve BCP-02 • 133 = approve BCP-03 • 134 = approve BCP-04 • 135 = approve BCP-05 • 138 = approve reprogramming (not SVT) (Specify if OTB and/or OTS in DS04.milestone_level_description) • 139 = approve replan (not SVT) • 140 = approve CD-3A • 141 = approve CD-3B • 142 = approve CD-3C • 143 = approve CD-3D • 144 = approve CD-3E • 145 = approve CD-3F • 150 = approve CD-3 • 160 = approve CD-4A • 161 = approve CD-4B • 162 = approve CD-4C • 163 = approve CD-4D • 164 = approve CD-4E • 165 = approve CD-4F • 170 = planned/estimated completion without UB • 175 = End of PMB. Planned/estimated completion with UB (calculated schedule reserve should align with duration from DS04.milestone_level = 175 to DS04.milestone_level = 180; should be aligned with DS03 last BCWS for BL or last ETC for FC to achieve CD-4; this is the end of the PARS ID; not SVT) • 180 = contract completion (calculated schedule contingency should align with duration from DS04.milestone_level = 180 to DS04.milestone_level = 190) (Should be aligned with CBB date for BL or est CBB date for FC) (not SVT) • 190 = approve CD-4 • 195 = approve closeout • 199 = approve finish project • 2xx = contract driven milestones & periods of performance • 3xx = customer driven milestones. All 3xx are considered DS04.task_subtype = SVT. • 4xx = programmatic driven milestones • 5xx = major internal driven milestones • 6xx = minor internal driven milestones • 7xx = external driven milestones, e.g., regulatory, consent decree. All 7xx are considered DS04.task_subtype = SVT. • 8xx = subK alignment milestones; align with DS13.task. DS04.milestone_level	integer, min. value: 100, max. value: 999 100, 110, 195
milestone_level_description		Milestone level description. Should align with DS04.milestone_level. Should be descriptive with a verb. DS04.milestone_level_description	string, maxLength: 50
WBS_ID	X	WP or PP or SLPP WBS identifier. Explain in DS04.justification_WBS if DS01.type is not WP, PP or SLPP. DS04.WBS_ID	string, maxLength: 50
justification_WBS		Justification narrative for WBS identifier is not WP or PP or SLPP WBS. Not required if no justification narrative for WBS identifier is not WP or PP or SLPP WBS. DS04.justification_WBS	string
CAM		CAM selection: • CAM name for DS01.type = CA, WP, PP. • Project manager name for DS01.type = SLPP. • Project or appropriate manager name for DS01.type = WBS Format: [last name] space [first name] space [middle initial, optional]. Should align with DS01.CAM. DS04.CAM	string, maxLength: 100 Whitney Zachary B, Burks Deanna A, Simon Avaya S, Moses Kendall

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
EVT		EVT selection that should be aligned with DS03.EVT (explanations should go in DS04.justification_EVT): • A = LOE. Should have a start-to-start and a finish-to-finish predecessor relationship to a discrete task(s). • B = weighted milestones (explain if utilized) • C = percent complete or for use in DS03, discrete (combination of discrete DS03.EVT excluding A, J, K, M, or NA) • D = units complete • E = 50-50 • F = 0-100 • G = 100-0 (explain if utilized) • H = variation of 50-50 (explain if utilized) • J = apportioned (explain if utilized). Should have a start-to-start and a finish-to-finish predecessor relationship to a discrete task(s). • K = planning package (overrides where DS01.type = PP or SLPP) • L = assignment percent complete (explain if utilized) • M = calculated apportionment (explain if utilized). Should have a start-to-start and a finish-to-finish predecessor relationship to a discrete task(s). • N = steps (explain if utilized) • O = earned as spent (explain if utilized) • P = percent manual entry (explain if utilized) Discrete EVTs for metrics consists of B, C, D, E, F, G, H, L, N, O, P. DS04.EVT	string, select from: A, B, C, D, E, F, G, H, J, K, L, M, N, O, P
justification_EVT		Justification narrative where DS04.EVT = B, G, H, J, L, M, N, O, or P. DS04.justification_EVT	string
EVT_J_to_task_ID		task_ID apportioned to, if DS04.EVT = J. DS04.EVT_J_to_task_ID	string
EVT_J_pct		Percent apportioned, if apportioned from another DS04.task_ID. DS04.EVT_J_pct	number, max. of 2 decimal places
ES_date	X	Early start date. DS04.ES_date DS04.ES_date_DS03 = aligned to DS03 period date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
EF_date	X	Early finish date. DS04.EF_date DS04.EF_date_DS03 = aligned to DS03 period date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
LS_date	X	Late start date. DS04.LS_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
LF_date	X	Late finish date. DS04.LF_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
AS_date		Actual start date. DS04.AS_date CPP-1.DS04.AS_date = prior CPP_status_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
AF_date		Actual finish date. DS04.AF_date CPP-1.DS04.AF_date = prior CPP_status_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
duration_original_days	X	Original duration (work days). DS04.duration_original_days	number, max. of 2 decimal places
duration_remaining_days	X	Remaining duration (work days). DS04.duration_remaining_days	number
duration_actual_days	X	Actual duration (work days). DS04.duration_actual_days	number, max. of 2 decimal places
float_free_days	X	Free float (work days). DS04.float_free_days	number, max. of 2 decimal places
float_total_days	X	Total float (work days). DS04.float_total_days	number, max. of 2 decimal places
justification_float_high		Justification narrative for high float, DS04.float_total_days. DS04.justification_float_high	string

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
justification_lag		Justification narrative for lag relation with predecessor, DS05.lag_days <> 0. DS04.justification_lag	string
driving_path	X	Task is on the longest path or on the driving path (Y or N). DS04.driving_path	string, select from: Y, N
RMT_ID		Align with only one DS15.risk_ID. Provide if an RMT. DS04.RMT_ID	string, maxLength: 255
PC_type	X	% complete type selection (% complete used to calculate BCWP): • duration (utilized when DS04.type = LOE or DS04.EVT = A) • physical (utilized when DS04.type <> LOE, and DS04.EVT <> A) • units (utilized when DS06.EOC = material) DS04.PC_type	string, select from: duration, physical, units
PC_duration	X	Duration % complete. If % complete = 100%, 1.00. If 99% <= % complete < 100%, 0.99 (truncate remainder). If 0 < % complete < 99%, round to 2 digits. If 0 = % complete, 0.00. DS04.PC_duration	number, max. of 2 decimal places, min. value: 0, max. value: 1
PC_physical	X	Physical % complete. If % complete = 100%, 1.00. If 99% <= % complete < 100%, 0.99 (truncate remainder). If 0 < % complete < 99%, round to 2 digits. If 0 = % complete, 0.00. Utilize if DS04.type = TD or RD. DS04.PC_physical	number, max. of 2 decimal places, min. value: 0, max. value: 1
PC_units	X	Units % complete. If % complete = 100%, 1.00. If 99% <= % complete < 100%, 0.99 (truncate remainder). If 0 < % complete < 99%, round to 2 digits. If 0 = % complete, 0.00. Utilize if DS04.type = TD or RD and DS06.EOC = material. DS04.PC_units	number, max. of 2 decimal places, min. value: 0, max. value: 1
constraint_type		Start primary constraint type selection: • CS_ASAP = as soon as possible (not considered a soft or hard constraint) • CS_MANDSTART = mandatory start (considered hard constraint) • CS_MSO = must start on (considered hard constraint) • CS_MSOA = must start on or after (considered soft constraint) • CS_MSOB = must start on or before (considered hard constraint) Finish primary constraint type selection: • CS_ALAP = as late as possible (not considered a soft or hard constraint) • CS_MANDFIN = mandatory finish (considered hard constraint) • CS_MEO = must finish on (considered hard constraint) • CS_MEOA = must finish on or after (considered soft constraint) • CS_MEOB = must finish on or before (considered hard constraint) Provide hard constraint justification in DS04.justification_constraint_hard. Provide soft constraint justification in DS04.justification_constraint_soft. Identify secondary constraint in DS04.justification_constraint_secondary. DS04.constraint_type	string, select from: CS_ASAP, CS_MANDSTART, CS_MSO, CS_MSOA, CS_MSOB, CS_ALAP, CS_MANDFIN, CS_MEO, CS_MEOA, CS_MEOB
constraint_date		Primary constraint date. Not required if DS04.constraint_type = CS_ALAP or not provided. DS04.constraint_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
justification_constraint_hard		Justification narrative for hard constraint, DS04.constraint_type. DS04.justification_constraint_hard	string
justification_constraint_soft		Justification narrative for soft constraint, DS04.constraint_type. DS04.justification_constraint_soft	string
justification_constraint_secondary		Description and justification narrative for secondary start and finish constraints. DS04.justification_constraint_secondary	string
HDV_CI_ID		HDV-CI identifier. The data should align with DS14.HDV_CI_ID. DS04.HDV_CI_ID	string, maxLength: 50
RPG	X	Task is for a reprogramming effort. DS04.RPG	string, select from: Y, N
calendar_name		Calendar name for task. Align with DS19.calendar_name and DS20.calendar_name. Required unless task is an SVT. DS04.calendar_name	string, maxLength: 1000

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
subproject_ID		Unique subproject identifier. Tasks not in project scope should be associated with that task's primary project, not this project's primary project. This includes SVTs, tasks pre-CD-0, and tasks post DS04.milestone_level = 175. DS04.subproject_ID	string, maxLength: 100

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS05 schedule_logic			
description		This data set should be populated with the project's contractor BL and FC IMS tool task relationship data for the DS04 tasks. The contractor BL and FC IMS tool task relationship data by task and predecessor. There should be alignment between the BL and FC IMSs.	
schedule_type	X	Schedule type selection: • BL = baseline • FC = forecast The data should be scheduled by the schedule tool. DS05.schedule_type	string, select from: BL, FC
task_ID	X	Unique task identifier. DS05.task_ID	string, maxLength: 50
predecessor_task_ID	X	Task identifier of the predecessor task. The data should align with DS04.task_ID. DS05.predecessor_task_ID	string, maxLength: 50
type	X	Task relationship (task to its predecessor) selection: • FS = finish to start • SS = start to start • SF = start to finish • FF = finish to finish DS05.type	string, select from: FS, SS, SF, FF
lag_days	X	Task relationship lag (work days) based on predecessor's calendar. The data is positive if lag. The data is negative if lead. DS05.lag_days	number, max. of 2 decimal places
subproject_ID		Unique subproject identifier. DS05.subproject_ID	string, maxLength: 100
predecessor_subproject_ID		Subproject identifier of the predecessor task's subproject, if applicable. DS05.predecessor_subproject_ID	string, maxLength: 100

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS06 schedule_resources			
description		This data set should be populated with the project's contractor BL and FC IMS tool task role and resource data for the DS04 tasks. Provide the contractor BL and FC IMS tool task role and/or resource data by task. There should be alignment between the BL and FC IMSs.	
schedule_type	X	Schedule type selection: • BL = baseline • FC = forecast The data should be scheduled by the schedule tool. DS06.schedule_type	string, select from: BL, FC
task_ID	X	Unique task identifier. DS06.task_ID	string, maxLength: 50
resource_ID		Unique resource identifier. DS06.resource_ID	string, maxLength: 50
resource_name		Unique resource name. DS06.resource_name	string, maxLength: 100
role_ID		Unique role identifier. DS06.role_ID	string, maxLength: 50
role_name		Unique role name. DS06.role_name	string, maxLength: 100
type	X	Resource type selection: • labor where DS06.EOC = labor • nonlabor where DS06.EOC is not labor • material where DS06.EOC is not labor DS06.type	string, select from: labor, nonlabor, material
EOC		EOC selection: • labor • material • subcontract • ODC • indirect (may be used after coordination with PM. To consist only of indirect costs). DS06.EOC	string, select from: labor, material, subcontract, ODC, indirect
start_date	X	Resource start date. For FC IMS, updated resource start or started date. DS06.start_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
finish_date	X	Resource finish date. For FC IMS, updated resource finish or finished date. DS06.finish_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
budget_dollars	X	Total budget (dollars) aligned with BCWS. DS06.budget_dollars	number
actual_dollars	X	Total actual (dollars) aligned with BCWP. DS06.actual_dollars	number, max. of 2 decimal places
remaining_dollars	X	Total remaining (dollars) aligned with ETC. DS06.remaining_dollars	number, max. of 2 decimal places
budget_units	X	Total budget (units) aligned with BCWS. Units of measure are specified in UOM field. DS06.budget_units	number, max. of 2 decimal places
actual_units	X	Total actual (units) aligned with BCWP. Units of measure are specified in UOM field. Note: This represents BCWP, not ACWP. DS06.actual_units	number, max. of 2 decimal places
remaining_units	X	Total remaining (units) aligned with ETC. Units of measure are specified in UOM field. DS06.remaining_units	number, max. of 2 decimal places
UOM	X	Unit of measure. If resource_type is labor or non-labor, it is h. If it is material it is a string. DS06.UOM	string, maxLength: 20 h, CY, LF, tons

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
lag_remaining_days	X	Task relationship remaining lag (work days) based on predecessor's calendar. The data is positive if lag. The data is negative if lead. DS06.lag_remaining_days	number, max. of 2 decimal places
lag_planned_days	X	Task relationship planned lag (work days) based on predecessor's calendar. The data is positive if lag. The data is negative if lead. DS06.lag_planned_days	number, max. of 2 decimal places
subproject_ID		Unique subproject identifier. DS06.subproject_ID	string, maxLength: 50
calendar_name	X	Calendar name for resource. Align with DS19.calendar_name and DS20.calender_name. DS06.calendar_name	string, maxLength: 1000

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field name	req'd	description unique field identifier (primary & calculated)	JSON data type example: string, integer
DS07 IPMR_header			
description		This object should be populated with the project's contractor IPMR header data aligned with DS01 to DS06 and DS09 to DS12. Provide the contractor EVMS cost tool IPMR header data. This object contains IPMR header information so does not have an array of objects like other DS objects.	
K_ID	X	Unique DOE contract number and, if applicable, CLIN(s). DS07.K_ID	string, maxLength: 255
type		Contract type selection: • FFP = firm fixed price • FPE = fixed price escalation • FPI = fixed price incentive • CPIF = cost plus incentive fee • CPAF = cost plus award fee • CPDS = cost plus fixed fee • CPE = cost plus expenses • CPP = cost plus percentage DS07.type	string, select from: FFP, FPE, FPI, CPIF, CPAF, CPDS, CPE, CPP
UB_bgt_days	X	UB, budget applicable to the contract effort not yet distributed to the WBS identifiers at or below the reporting level (work days). DS07.UB_bgt_days	number, max. of 2 decimal places
UB_est_days	X	EAC for scope of work represented by the UB (work days). DS07.UB_est_days	number, max. of 2 decimal places
UB_bgt_dollars	X	UB, budget applicable to the contract effort not yet distributed to the WBS identifiers at or below the reporting level. DS07.UB_bgt_dollars	number, max. of 2 decimal places
UB_est_dollars	X	EAC for scope of work represented by the UB. DS07.UB_est_dollars	number, max. of 2 decimal places
MR_bgt_dollars	X	MR excluding OTB and OTS. DS07.MR_bgt_dollars	number, max. of 2 decimal places
MR_rpg_dollars	X	MR reprogramming adjustment factoring OTB and OTS. DS07.MR_rpg_dollars	number, max. of 2 decimal places
AUW_dollars	X	AUW of the authorized, unpriced work for approved work scope that has not been definitized by the contracting officer. Amount is the procuring contracting officer's best estimate. Excludes fee and profit. AUW cannot be negative. For effort de-scoped and not yet reflected in the CBB. DS07.AUW_dollars	number, max. of 2 decimal places, min. value: 0
NCC_dollars	X	NCC on which project was reached as of the reflected reporting period. Excludes fee and profit. For an incentive contract, the definitized contract target cost. For a cost plus fixed fee or award fee contract, the estimated negotiated cost that consists only of the estimates amount for changes in the contract scope of work and not for cost change (overrun or underrun) from the original cost. Amount for changes shall not be included until definitized in the contract. DS07.NCC_dollars	number, max. of 2 decimal places
CBB_dollars	X	CBB, the NCC plus AUW. DS07.CBB_dollars	number, max. of 2 decimal places
OTB_OTS_date		Date last OTB or OTS was approved by DOE and implemented. Not required if no OTB or OTS. DS07.OTB_OTS_date	string, must be date as YYYY-MM-DD 2020-01-01,2019-02-26,2020-10-14

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example: string, integer
TAB_dollars	X	TAB, total budget value allocated to the performance of the contractual effort including MR and UB. Excludes fee and profit. DS07.TAB_dollars	number, max. of 2 decimal places
profit_fee_dollars		Target profit or fee that applies to the negotiated contract cost. DS07.profit_fee_dollars	number, max. of 2 decimal places
EAC_PM_best_dollars		Contractor's best case EAC for the contract cost for all authorized contractual efforts. Excludes fee and profit. DS07.EAC_PM_best_dollars	number, max. of 2 decimal places
EAC_PM_likely_dollars	X	Contractor's most likely case EAC for the contract cost for all authorized contractual efforts. Excludes fee and profit. DS07.EAC_PM_likely_dollars	number, max. of 2 decimal places
EAC_PM_worst_dollars		Contractor's worst case EAC for the contract cost for all authorized contractual efforts. Excludes fee and profit. DS07.EAC_PM_worst_dollars	number, max. of 2 decimal places
EAC_PM_best_date	X	Contractor's best case EAC date for all authorized contractual efforts. DS07.EAC_PM_best_date	string, must be date as YYYY-MM-DD
EAC_PM_likely_date	X	Contractor's most likely case EAC date for all authorized contractual efforts. DS07.EAC_PM_likely_date	string, must be date as YYYY-MM-DD
EAC_PM_worst_date	X	Contractor's worst case EAC date for all authorized contractual efforts. DS07.EAC_PM_worst_date	string, must be date as YYYY-MM-DD
escalation_rate_pct	X	Escalation rate for DS07.TAB. DS07.escalation_rate_pct	number, max. of 2 decimal places
QRA_CL_cost_pct	X	Quantitative risk analysis confidence level for cost DS07.MR_rpg and DS07.MR_bgt. DS07.QRA_CL_cost_pct	number, max. of 2 decimal places, min. value: 0, max. value: 1
QRA_CL_schedule_pct	X	Quantitative risk analysis confidence level for schedule and aligned with DS07.MR_rpg and DS07.MR_bgt. DS07.QRA_CL_schedule_pct	number, max. of 2 decimal places, min. value: 0, max. value: 1
threshold_cost_cum_dollar_fav	X	Project cost threshold (dollar) for cumulative variance analysis at CA WBS level, favorable. DS07.threshold_cost_cum_dollar_fav	number, max. of 2 decimal places
threshold_cost_cum_dollar_unfav	X	Project cost threshold (dollar) for cumulative variance analysis at CA WBS level, unfavorable. DS07.threshold_cost_cum_dollar_unfav	number, max. of 2 decimal places
threshold_cost_cum_pct_fav	X	Project cost threshold (percent) for cumulative variance analysis CA WBS level, favorable. DS07.threshold_cost_cum_pct_fav	number, max. of 2 decimal places, min. value: 0, max. value: 1
threshold_cost_cum_pct_unfav	X	Project cost threshold (percent) for cumulative variance analysis CA WBS level, unfavorable. DS07.threshold_cost_cum_pct_unfav	number, max. of 2 decimal places, min. value: 0, max. value: 1

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example: string, integer
threshold_cost_inc_dollar_fav	X	Project cost threshold (dollar) for incremental variance analysis CA WBS level, favorable. DS07.threshold_cost_inc_dollar_fav	number, max. of 2 decimal places
threshold_cost_inc_dollar_unfav	X	Project cost threshold (dollar) for incremental variance analysis CA WBS level, unfavorable. DS07.threshold_cost_inc_dollar_unfav	number, max. of 2 decimal places
threshold_cost_inc_pct_fav	X	Project cost threshold (percent) for incremental variance analysis CA WBS level, favorable. DS07.threshold_cost_inc_pct_fav	number, max. of 2 decimal places, min. value: 0, max. value: 1
threshold_cost_inc_pct_unfav	X	Project cost threshold (percent) for incremental variance analysis CA WBS level, unfavorable. DS07.threshold_cost_inc_pct_unfav	number, max. of 2 decimal places, min. value: 0, max. value: 1
threshold_cost_VAC_dollar_fav	X	Project cost threshold (dollar) for VAC at project level, favorable. DS07.threshold_cost_VAC_dollar_fav	number, max. of 2 decimal places
threshold_cost_VAC_dollar_unfav	X	Project cost threshold (dollar) for VAC at project level, unfavorable. DS07.threshold_cost_VAC_dollar_unfav	number, max. of 2 decimal places
threshold_cost_VAC_pct_fav	X	Project cost threshold (percent) for VAC at project level, favorable. DS07.threshold_cost_VAC_pct_fav	number, max. of 2 decimal places, min. value: 0, max. value: 1
threshold_cost_VAC_pct_unfav	X	Project cost threshold (percent) for VAC at project level, unfavorable. DS07.threshold_cost_VAC_pct_unfav	number, max. of 2 decimal places, min. value: 0, max. value: 1
threshold_schedule_cum_dollar_fav	X	Project schedule threshold (dollar) for cumulative variance analysis at CA WBS level, favorable. DS07.threshold_schedule_cum_dollar_fav	number, max. of 2 decimal places
threshold_schedule_cum_dollar_unfav	X	Project schedule threshold (dollar) for cumulative variance analysis at CA WBS level, unfavorable. DS07.threshold_schedule_cum_dollar_unfav	number, max. of 2 decimal places
threshold_schedule_cum_pct_fav	X	Project schedule threshold (percent) for cumulative variance analysis CA WBS level, favorable. DS07.threshold_schedule_cum_pct_fav	number, max. of 2 decimal places, min. value: 0, max. value: 1
threshold_schedule_cum_pct_unfav	X	Project schedule threshold (percent) for cumulative variance analysis CA WBS level, unfavorable. DS07.threshold_schedule_cum_pct_unfav	number, max. of 2 decimal places, min. value: 0, max. value: 1
threshold_schedule_inc_dollar_fav	X	Project schedule threshold (dollar) for incremental variance analysis CA WBS level, favorable. DS07.threshold_schedule_inc_dollar_fav	number, max. of 2 decimal places
threshold_schedule_inc_dollar_unfav	X	Project schedule threshold (dollar) for incremental variance analysis CA WBS level, unfavorable. DS07.threshold_schedule_inc_dollar_unfav	number, max. of 2 decimal places
threshold_schedule_inc_pct_fav	X	Project schedule threshold (percent) for incremental variance analysis CA WBS level, favorable. DS07.threshold_schedule_inc_pct_fav	number, max. of 2 decimal places, min. value: 0, max. value: 1

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example: string, integer
threshold_schedule_inc_pct_unfav	X	Project schedule threshold (percent) for incremental variance analysis CA WBS level, unfavorable. DS07.threshold_schedule_inc_pct_unfav	number, max. of 2 decimal places, min. value: 0, max. value: 1
is_ACWP_at_CA		Represents whether actual costs are collected at the control account level. If both DS03.ACWPi_dollars and DS03.ACWPi_hours for entire project are reported at DS01.type = CA then Y; otherwise, N for DS03.ACWPi_dollars and DS03.ACWPi_hours for entire project are reported at DS01.type = WP or PP DS07.is_ACWP_at_CA	string, select from: Y, N

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS08 WAD			
description		This data set should be populated with the approved project's contractor WAD data for the entire span of the project (not the contract) to include from initial and all revisions. The contractor WAD data by CA and SLPP WBS level and optional by PP and WP WBS levels.	
WAD_ID	X	Unique WAD identifier. DS08.WAD_ID	string, maxLength: 50
revision		WAD version. DS08.revision	string, maxLength: 50
title	X	WAD title. DS08.title	string, maxLength: 255
WBS_ID	X	CA or SLPP WBS identifier. DS08.WBS_ID	string, maxLength: 50
WBS_ID_WP		WP or PP WBS identifier. DS08.WBS_ID_WP	string
auth_PM_date		Date WAD was last signed by contractor project manager. DS08.auth_PM_date	string, maxLength: 255
auth_CAM_date		Date WAD was last signed by CAM. DS08.auth_CAM_date	string, maxLength: 255
auth_WPM_date		Date WAD was last signed by WPM. DS08.auth_WPM_date	string, maxLength: 255
initial_auth_date		Date WAD was initially signed by contractor project manager. DS08.initial_auth_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
EVT		Provide if WBS_ID_WP is provided. EVT selection that should be aligned with DS03.EVT and DS04.EVT: • A = LOE • B = weighted milestones • C = percent complete or for use in DS03, discrete • D = units complete • E = 50-50 • F = 0-100 • G = 100-0 • H = variation of 50-50 • J = apportioned • K = planning package (overrides where DS01.type = PP or SLPP) • L = assignment percent complete • M = calculated apportionment • N = steps • O = earned as spent • P = percent manual entry Discrete EVTs for metrics consists of B, C, D, E, F, G, H, L, N, O, P. DS08.EVT	string, select from: A, B, C, D, E, F, G, H, J, K, L, M, N, O, P, NA
budget_labor_dollars	X	Total budget for EOC labor (dollars). DS08.budget_labor_dollars	number, max. of 2 decimal places
budget_material_dollars	X	Total budget for EOC material (dollars). DS08.budget_material_dollars	number, max. of 2 decimal places
budget_subcontract_dollars		Total budget for EOC subcontract (dollars). DS08.budget_subcontract_dollars	number, max. of 2 decimal places
budget_ODC_dollars	X	Total budget for EOC ODC (dollars). DS08.budget_ODC_dollars	number, max. of 2 decimal places
budget_indirect_dollars	X	Total budget for EOC indirect (dollars). DS08.budget_indirect_dollars	number, max. of 2 decimal places
budget_labor_hours	X	Total labor budget (hours). DS08.budget_labor_hours	number, max. of 2 decimal places
POP_start_date	X	WBS POP start date, as defined by the latest approved baseline change. Not required if DS10.transaction_ID is not DB. DS08.POP_start_date DS08.POP_start_date [period] = aligned to DS03 period date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
POP_finish_date	X	WBS POP finish date, as defined by the latest approved baseline change. Not required if DS10.transaction_ID is not DB. DS08.POP_finish_date DS08.POP_finish_date [period] = aligned to DS03 period date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
CAM	X	CAM who signed WAD. Format: [last name] space [first name] space [middle initial, optional] DS08.CAM	string, maxLength: 100
WPM		PP or WP WBS level manager. Optional if DS01.type = PP or WP. Format: [last name] space [first name] space [middle initial, optional] DS08.WPM	string, maxLength: 100
PM	X	Contractor project manager. Format: [last name] space [first name] space [middle initial, optional] DS08.PM	string, maxLength: 100
narrative	X	CA WBS scope statement (not title) encompassing all scope per WAD and aligned with DS01.narrative and DS02.narrative. DS08.narrative	string

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field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS09 CC_log			
description		This data set should be populated with the project's contractor project change control log data for the entire span of the project (not the contract). Provide the contractor approved project change control log data by CC_log identifier. The data should include the initial CC_log and the initial deposit at the start of the project.	
CC_log_ID	X	CC identifier. DS09.CC_log_ID	string, maxLength: 50
CC_log_ID_supplement		Supplemental CC_log_ID, e.g. revisions. DS09.CC_log_ID_supplement	string, maxLength: 50
CC_log_ID_original_UB		For CCs that are approving distribution of budget from UB, this should have original CC_log_ID that approved increase of UB account through AUW or modification. DS09.CC_log_ID_original_UB	string, maxLength: 50
type	X	Change type selection (per [DOE Project Management Lexicon of Terms](https://www.energy.gov/projectmanagement/project-management-lexicon-terms)): • Funding • BCP • BCR DS09.type	string, select from: BCP, BCR, Funding
K_mod_ID		Provide when CC_log_ID is associated with a contract mod. DS09.K_mod_ID	string
description	X	Scope description. (Do not include unapproved changes) DS09.description	string
approved_date	X	Approved date. DS09.approved_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
implementation_date	X	Date during which the change has been implemented within contractor systems. DS09.implementation_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
dollars_delta		Total increase or decrease in budgeted dollars authorized by the change request. Represents the summation of the transactions detailed in DS10 CC_log_detail. DS09.dollars_delta	number, max. of 2 decimal places
hours_delta		Total increase or decrease in budgeted number of hours authorized by the change request. Represents the summation of the transactions detailed in DS10 CC_log_detail. DS09.hours_delta	number, max. of 2 decimal places
PM		Contractor project manager. Format: [last name] space [first name] space [middle initial, optional] DS09.PM	string, maxLength: 100
risk_ID		List of risk_IDs addressed by CC_log_ID. Aligns with DS15.risk_ID. If multiple identifiers, separate with semicolons. DS09.risk_ID	string, maxLength: 255

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS10 CC_log_detail			
description		This data set should be populated with the project's contractor project change control log transaction data for DS09. Provide the contractor approved project change control log transaction data by CC_log identifier. The data should consist of CC_logs, each resulting in zero-sum of dollars that are moved between the transaction categories, unless new budget is added to the CBB.	
transaction_ID	X	Unique transaction identifier. DS10.transaction_ID	string, maxLength: 50
category	X	Transaction category selection: • CNT = DOE contingency • DB = distributed budget (should also be identified by the CA WBS) • UB = undistributed budget account • MR = management reserve account • OTB = over-target baseline only • OTS = over-target schedule only • OTB-OTS = OTB and OTS • funding • profit-fee DS10.category	string, select from: CNT, DB, UB, MR, OTB, OTS, OTB-OTS, funding, profit-fee
CC_log_ID	X	CC identifier. DS10.CC_log_ID	string, maxLength: 50
description		Transaction summary information. DS10.description	string
WBS_ID		WBS identifier. Project level required for UB, MR, CNT. CA or lower level required if transaction type is DB. DS10.WBS_ID	string, maxLength: 50
dollars_delta		CC_log impact (dollars) that changes the balance. DS10.dollars_delta CPP-1,2.DS10.dollars_delta = prior 1st,2nd CPP_status_date	number, max. of 2 decimal places, min. value: 0
hours_delta		CC_log impact (hours) that changes the balance. DS10.hours_delta	number, max. of 2 decimal places, min. value: 0
AUW	X	Transaction is for AUW. DS10.AUW	string, select from: Y, N
NTE_dollars_delta		NTE for DS10.AUW. DS10.NTE_dollars_delta	number, max. of 2 decimal places
POP_start_date		CA or WP WBS POP start date, only if modified. DS10.POP_start_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
POP_finish_date		CA or WP WBS POP finish date, only if modified. DS10.POP_finish_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14

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field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS11 variance			
description		This data set should be populated with the project's contractor variance data. Provide the contractor variance data by WBS identifier; for project, use the project level WBS identifier.	
WBS_ID	X	WBS identifier. DS11.WBS_ID	string, maxLength: 50
narrative_type		Narrative type selection: • 100 PRJ = project level summary • 110 RPG = project level formal reprogramming analysis • 120 VAC = project level VAC analysis • 130 EAC = project level EAC analysis • 140 UB = project level UB analysis • 150 MR = project level MR analysis • 160 IMS = project level IMS discussion • 170 F3 = project level IPMR F3 discussion • 180 F4 = project level IPMR F4 discussion • 200 SLPP = summary level planning package (The data should not have SV or CV.) • 300 CA = control account • 400 PP = planning package (The data should not have SV or CV.) • 500 WP = work package DS11.narrative_type	string, select from: 100, 110, 120, 130, 140, 150, 160, 170, 200, 300, 400, 500
narrative_overall		Overall narrative. Provide if DS11.narrative_type <200 DS11.narrative_overall	string
narrative_RC_SVi		Root cause narrative for incremental schedule variance. DS11.narrative_RC_SVi	string
narrative_RC_CVi		Root cause narrative for incremental cost variance. DS11.narrative_RC_CVi	string
narrative_RC_SVc		Root cause narrative for cumulative schedule variance. DS11.narrative_RC_SVc	string
narrative_RC_CVc		Root cause narrative for cumulative cost variance. DS11.narrative_RC_CVc	string
narrative_impact_technical		Impact narrative for technical variance. DS11.narrative_impact_technical	string
narrative_impact_schedule		Impact narrative for cumulative schedule variance. If DS11.narrative_impact_schedule_inc is not utilized, provide combined cumulative and incremental narrative for schedule variance. DS11.narrative_impact_schedule	string
narrative_impact_cost		Impact narrative for cumulative cost variance. If DS11.narrative_impact_cost_inc is not utilized, provide combined cumulative and incremental narrative for cost variance. DS11.narrative_impact_cost	string
narrative_impact_schedule_inc		Impact narrative for incremental schedule variance. DS11.narrative_impact_schedule_inc	string
narrative_impact_cost_inc		Impact narrative for incremental cost variance. DS11.narrative_impact_cost_inc	string
CAL_ID		Unique corrective action log identifier(s). If multiple identifiers, separate with semicolons. DS11.CAL_ID	string
approved_date		Approved date by CAM. DS11.approved_date	string, must be date as YYYY-MM-DD

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS12 variance_CAL			
description		This data set should be populated with the project's contractor corrective action data for DS11. Provide the contractor corrective action data by corrective action identifier. The data should validate that corrective actions for variances are addressed, monitored, and mitigated. The data may be limited to the corrective actions that are open or closed within the current reporting period, based on coordination with DOE.	
CAL_ID	X	Corrective action log identifier. DS12.CAL_ID	string
transaction_ID		Unique transaction identifier. DS12.transaction_ID	string, maxLength: 50
narrative_schedule		Corrective action narrative for cumulative schedule variance. DS12.narrative_schedule	string
narrative_cost		Corrective action narrative for cumulative cost variance. DS12.narrative_cost	string
POC	X	Name of the person responsible for closing corrective action. Does not have to be the same as CAM. Format: [last name] space [first name] space [middle initial, optional]. DS12.POC	string, maxLength: 100
status	X	Current status of corrective action Item as it exists in contractor log. • open • closed DS12.status	string, select from: open, closed
initial_date	X	Date of the initial corrective action. DS12.initial_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
original_due_date	X	Original due date by which corrective action was supposed to be closed. DS12.original_due_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
forecast_due_date	X	Forecast due date that indicates expected closure date for the corrective action. DS12.closed_date if closed. DS12.forecast_due_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
closed_date		Actual date when corrective action was closed. DS12.closed_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS13 subK			
description		This data set should be populated with the project's subcontract work data as reported by the subcontractors to the contractor. The data should include all subcontracts that have discrete work and that have schedule or cost reporting requirements. The data should be updated as subcontracts are negotiated. The data may be limited to a single line per subcontract due to type or size of the subcontract or data availability, based on coordination with DOE.	
subK_ID	X	Unique subcontract identifier (e.g., subcontract name). DS13.subK_ID	string, maxLength: 50
subK_task_ID	X	Unique task ID from subcontract schedule. DS13.subK_task_ID	string, maxLength: 50
task_ID	X	DS04.task_ID associated with subcontract work. DS13.task_ID	string, maxLength: 50
BCWSc_dollars		BCWS cumulative (dollars). DS13.BCWSc_dollars	number, max. of 2 decimal places
BCWPc_dollars		BCWP cumulative (dollars). DS13.BCWPc_dollars	number, max. of 2 decimal places
ACWPc_dollars		ACWP cumulative (dollars). DS13.ACWPc_dollars	number, max. of 2 decimal places
BAC_dollars		DB (dollars). DS13.BAC_dollars	number, max. of 2 decimal places
BAC_initial_dollars		BAC initial (dollars). DS13.BAC_initial_dollars	number, max. of 2 decimal places
EAC_dollars		EAC (dollars). DS13.EAC_dollars	number, max. of 2 decimal places
BL_start_date		Baseline start date. DS13.BL_start_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
BL_finish_date		Baseline finish date. DS13.BL_finish_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
FC_start_date		Forecast start date. DS13.FC_start_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
FC_finish_date		Forecast finish date. DS13.FC_finish_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
AS_date		Actual start date. DS13.AS_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
AF_date		Actual finish date. DS13.AF_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
MR_dollars		MR remaining (dollars). DS13.MR_dollars	number, max. of 2 decimal places
MR_initial_dollars		MR initial (dollars). DS13.MR_initial_dollars	number, max. of 2 decimal places
profit_fee_dollars		Profit fee remaining (dollars). DS13.profit_fee_dollars	number, max. of 2 decimal places
profit_fee_earned_dollars		Profit fee earned (dollars). DS13.profit_fee_earned_dollars	number, max. of 2 decimal places
profit_fee_initial_dollars		Profit fee initial (dollars). DS13.profit_fee_initial_dollars	number, max. of 2 decimal places
subK_PO_ID		Purchase order identifier. DS13.subK_PO_ID	string
flow_down	X	DOE Order 413.3B CRD flow down required. DS13.flow_down	string, select from: Y, N

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS14 HDV_CI			
description		This data set should be populated with the project's contractor HDV-CI data. Provide the contractor HDV-CI data by WBS and HDV-CI identifiers.	
HDV_CI_ID	X	Unique HDV-CI identifier. This data should align with DS04.HDV_CI_ID. DS14.HDV_CI_ID	string, maxLength: 50
description	X	HDV-CI description. DS14.description	string
subK_ID		Subcontract identifier. DS14.subK_ID	string, maxLength: 50
subK_PO_ID		Purchase order identifier. DS14.subK_PO_ID	string, maxLength: 50
equipment_ID		Equipment identifier. DS14.equipment_ID	string, maxLength: 50

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS15 risk_register			
description		This data set should be populated with the project's contractor risk log for the entire span of the project (not the contract). Provide the contractor risk log by risk identifier. The data should be updated through the CPP_status_date.	
risk_ID	X	Unique risk identifier. DS15.risk_ID	string, maxLength: 255
revision		Current revision number for the DS15.risk_ID DS15.revision	string, maxLength: 50
description	X	Risk description. Format: if then. DS15.description	string, maxLength: 500
type	X	Risk type selection: • T = threat • O = opportunity DS15.type	string, select from: T, O
manager	X	Risk manager. Format: [last name] space [first name] space [middle initial, optional]. DS15.manager	string, maxLength: 100
owner	X	Risk owner selection: • federal • contractor DS15.owner	string, select from: federal, contractor
approved_date		Approved date with risk handling selection. DS15.approved_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
realized_date		Date risk realized. DS15.realized_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
closed_date		Risk closed date when risk is no longer actively tracked but remains on the risk log. DS15.closed_date	string, must be date as YYYY-MM-DD 2020-01-01, 2019-02-26, 2020-10-14
probability_schedule_min_pct	X	Risk event probability schedule min. (percent). DS15.probability_schedule_min_pct	number, max. of 2 decimal places, min. value: 0, max. value: 1
probability_schedule_max_pct	X	Risk event probability schedule max. (percent). DS15.probability_schedule_max_pct	number, max. of 2 decimal places, min. value: 0, max. value: 1
probability_cost_min_pct	X	Risk event probability cost min. (percent). DS15.probability_cost_min_pct	number, max. of 2 decimal places, min. value: 0, max. value: 1
probability_cost_max_pct	X	Risk event probability cost max. (percent). DS15.probability_cost_max_pct	number, max. of 2 decimal places, min. value: 0, max. value: 1
risk_handling	X	Risk handling selections: • avoid • mitigate • transfer • accept DS15.risk_handling	string, select from: avoid, mitigate, transfer, accept
basis		Notes. DS15.basis	string

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS16 risk_register_tasks			
description		This data set should be populated with the project's contractor risk log tasks for the entire span of the project (not the contract). Provide the contractor risk log tasks by risk identifier. The data should be updated through the CPP_status_date.	
risk_ID	X	Risk identifier. Align with DS15.risk_ID. DS16.risk_ID	string, maxLength: 255
risk_task_type	X	Risk task type selections: • event (risk trigger, when risk is relevant. If no event task for a risk_ID, then assume risk is relevant for the entire project.) • impact DS16.risk_task_type	string, maxLength: 50
task_ID	X	Event or impact task identifier. Aligned with DS04.task_ID and based on DS16.risk_task_type. DS16.task_ID	string, maxLength: 50
impact_schedule_min_days		Provide if DS16.risk_task_type = impact, schedule impact (calendar days) min. DS16.impact_schedule_min_days	number, max. of 2 decimal places
impact_schedule_likely_days		Provide if DS16.risk_task_type = impact, schedule impact (calendar days) most likely. DS16.impact_schedule_likely_days	number, max. of 2 decimal places
impact_schedule_max_days		Provide if DS16.risk_task_type = impact, schedule impact (calendar days) max. DS16.impact_schedule_max_days	number, max. of 2 decimal places
impact_cost_min_dollars		Provide if DS16.risk_task_type = impact, cost impact (dollars) min. DS16.impact_cost_min_dollars	number, max. of 2 decimal places
impact_cost_likely_dollars		Provide if DS16.risk_task_type = impact, cost impact (dollars) most likely. DS16.impact_cost_likely_dollars	number, max. of 2 decimal places
impact_cost_max_dollars		Provide if DS16.risk_task_type = impact, cost impact (dollars) max. DS16.impact_cost_max_dollars	number, max. of 2 decimal places

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS17 WBS_EU			
description		This data set should be populated with the project's contractor WBS EU data for each DS01.WBS and basis documented. Provide the contractor WBS EU data.	
WBS_ID	X	Unique contractor WP or PP WBS identifier. DS17.WBS_ID	string, maxLength: 50
EOC	X	EOC selection: • labor • material • subcontract • ODC DS17.EOC	string, select from: labor, material, subcontract, ODC
EU_min_dollars	X	EU min. (dollars) work remaining. DS17.EU_min_dollars	number, max. of 2 decimal places
EU_likely_dollars	X	EU most likely (dollars) work remaining. DS17.EU_likely_dollars	number, max. of 2 decimal places
EU_max_dollars	X	EU max. (dollars) work remaining. DS17.EU_max_dollars	number, max. of 2 decimal places
time_dependent	X	WBS is time-dependent (Y or N) for one or more associated tasks. DS17.time_dependent	string, select from: Y, N
justification_EU		Basis. Add justification narrative if WBS EU distribution is not triangular. Not required if WBS EU distribution is triangular or WBS is completed or closed. DS17.justification_EU	string
subproject_ID		Unique subproject identifier. DS17.subproject_ID	string, maxLength: 50

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS18 schedule_EU			
description		This data set should be populated with the project's contractor task EU data for each DS04.task_ID. Provide the contractor schedule EU data.	
schedule_type	X	Schedule type selection: • BL = baseline • FC = forecast DS18.schedule_type	string, select from: BL, FC
task_ID	X	Unique task identifier. DS18.task_ID	string, maxLength: 50
EU_min_days	X	EU min. (work days) remaining. DS18.EU_min_days	integer
EU_likely_days	X	EU most likely (work days) work remaining. DS18.EU_likely_days	integer
EU_max_days	X	EU max. (work days) work remaining. DS18.EU_max_days	integer
justification_EU		Basis. Add justification narrative if activity is incomplete and task EU distribution is not triangular. DS18.justification_EU	string
subproject_ID		Unique subproject identifier. DS18.subproject_ID	string, maxLength: 50

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS19 schedule_calendar_std			
description		This data set should be populated with the project's contractor IMS tool standard work week calendar data for the entire span of the project (not the contract). Each weekday is limited to 3 shifts (A, B, and C) for breaks in between shifts, starting with shift A, half hour increments, and no overlaps. If more than 3 shifts, 3rd shift should be stretched to the last shift. There should be alignment between the BL and FC IMSs.	
calendar_name	X	Unique calendar name. DS19.calendar_name	string, maxLength: 1000
hours_per_day	X	Hours per day. DS19.hours_per_day	number, max. of 2 decimal places
std_01_Mon_shift_A_start_time		Standard work week shift_A_start time, Monday. DS19.std_01_Mon_shift_A_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_01_Mon_shift_A_stop_time		Standard work week shift_A_stop time, Monday. DS19.std_01_Mon_shift_A_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_01_Mon_shift_B_start_time		Standard work week shift_B_start time, Monday. DS19.std_01_Mon_shift_B_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_01_Mon_shift_B_stop_time		Standard work week shift_B_stop time, Monday. DS19.std_01_Mon_shift_B_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_01_Mon_shift_C_start_time		Standard work week shift_C_start time, Monday. DS19.std_01_Mon_shift_C_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_01_Mon_shift_C_stop_time		Standard work week shift_C_stop time, Monday. DS19.std_01_Mon_shift_C_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_02_Tue_shift_A_start_time		Standard work week shift_A_start time, Tuesday. DS19.std_02_Tue_shift_A_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_02_Tue_shift_A_stop_time		Standard work week shift_A_stop time, Tuesday. DS19.std_02_Tue_shift_A_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_02_Tue_shift_B_start_time		Standard work week shift_B_start time, Tuesday. DS19.std_02_Tue_shift_B_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_02_Tue_shift_B_stop_time		Standard work week shift_B_stop time, Tuesday. DS19.std_02_Tue_shift_B_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_02_Tue_shift_C_start_time		Standard work week shift_C_start time, Tuesday. DS19.std_02_Tue_shift_C_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_02_Tue_shift_C_stop_time		Standard work week shift_C_stop time, Tuesday. DS19.std_02_Tue_shift_C_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_03_Wed_shift_A_start_time		Standard work week shift_A_start time, Wednesday. DS19.std_03_Wed_shift_A_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_03_Wed_shift_A_stop_time		Standard work week shift_A_stop time, Wednesday. DS19.std_03_Wed_shift_A_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_03_Wed_shift_B_start_time		Standard work week shift_B_start time, Wednesday. DS19.std_03_Wed_shift_B_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_03_Wed_shift_B_stop_time		Standard work week shift_B_stop time, Wednesday. DS19.std_03_Wed_shift_B_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_03_Wed_shift_C_start_time		Standard work week shift_C_start time, Wednesday. DS19.std_03_Wed_shift_C_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_03_Wed_shift_C_stop_time		Standard work week shift_C_stop time, Wednesday. DS19.std_03_Wed_shift_C_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_04_Thu_shift_A_start_time		Standard work week shift_A_start time, Thursday. DS19.std_04_Thu_shift_A_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_04_Thu_shift_A_stop_time		Standard work week shift_A_stop time, Thursday. DS19.std_04_Thu_shift_A_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
std_04_Thu_shift_B_start_time		Standard work week shift_B_start time, Thursday. DS19.std_04_Thu_shift_B_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_04_Thu_shift_B_stop_time		Standard work week shift_B_stop time, Thursday. DS19.std_04_Thu_shift_B_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_04_Thu_shift_C_start_time		Standard work week shift_C_start time, Thursday. DS19.std_04_Thu_shift_C_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_04_Thu_shift_C_stop_time		Standard work week shift_C_stop time, Thursday. DS19.std_04_Thu_shift_C_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_05_Fri_shift_A_start_time		Standard work week shift_A_start time, Friday. DS19.std_05_Fri_shift_A_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_05_Fri_shift_A_stop_time		Standard work week shift_A_stop time, Friday. DS19.std_05_Fri_shift_A_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_05_Fri_shift_B_start_time		Standard work week shift_B_start time, Friday. DS19.std_05_Fri_shift_B_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_05_Fri_shift_B_stop_time		Standard work week shift_B_stop time, Friday. DS19.std_05_Fri_shift_B_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_05_Fri_shift_C_start_time		Standard work week shift_C_start time, Friday. DS19.std_05_Fri_shift_C_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_05_Fri_shift_C_stop_time		Standard work week shift_C_stop time, Friday. DS19.std_05_Fri_shift_C_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_06_Sat_shift_A_start_time		Standard work week shift_A_start time, Saturday. DS19.std_06_Sat_shift_A_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_06_Sat_shift_A_stop_time		Standard work week shift_A_stop time, Saturday. DS19.std_06_Sat_shift_A_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_06_Sat_shift_B_start_time		Standard work week shift_B_start time, Saturday. DS19.std_06_Sat_shift_B_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_06_Sat_shift_B_stop_time		Standard work week shift_B_stop time, Saturday. DS19.std_06_Sat_shift_B_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_06_Sat_shift_C_start_time		Standard work week shift_C_start time, Saturday. DS19.std_06_Sat_shift_C_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_06_Sat_shift_C_stop_time		Standard work week shift_C_stop time, Saturday. DS19.std_06_Sat_shift_C_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_07_Sun_shift_A_start_time		Standard work week shift_A_start time, Sunday. DS19.std_07_Sun_shift_A_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_07_Sun_shift_A_stop_time		Standard work week shift_A_stop time, Sunday. DS19.std_07_Sun_shift_A_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_07_Sun_shift_B_start_time		Standard work week shift_B_start time, Sunday. DS19.std_07_Sun_shift_B_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_07_Sun_shift_B_stop_time		Standard work week shift_B_stop time, Sunday. DS19.std_07_Sun_shift_B_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_07_Sun_shift_C_start_time		Standard work week shift_C_start time, Sunday. DS19.std_07_Sun_shift_C_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
std_07_Sun_shift_C_stop_time		Standard work week shift_C_stop time, Sunday. DS19.std_07_Sun_shift_C_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
subproject_ID		Unique subproject identifier. DS19.subproject_ID	string, maxLength: 50

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS20 schedule_calendar_exception			
description		This data set should be populated with the project's contractor IMS tool calendar exception data for the entire span of the project (not the contract). Exception day is limited to 3 shifts (A, B, and C) for breaks in between shifts, starting with shift A, half hour increments, and no overlaps. If more than 3 shifts, 3rd shift should be stretched to the last shift. There should be alignment between the BL and FC IMSs.	
calendar_name	X	Calendar name. DS20.calendar_name	string, maxLength: 1000
exception_date	X	Date of exception. DS20.exception_date	string, must be date as YYYY-MM-DD
exception_work_day	X	Exception is a work day (Y or N). If Y then all day is exception and shift times do not need to be provided. If N then provide shift times. DS20.exception_work_day	string, select from: Y, N
exception_shift_A_start_time		Exception shift_A_start time. DS20.exception_shift_A_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
exception_shift_A_stop_time		Exception shift_A_stop time. DS20.exception_shift_A_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
exception_shift_B_start_time		Exception shift_B_start time. DS20.exception_shift_B_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
exception_shift_B_stop_time		Exception shift_B_stop time. DS20.exception_shift_B_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
exception_shift_C_start_time		Exception shift_C_start time. DS20.exception_shift_C_start_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
exception_shift_C_stop_time		Exception shift_C_stop time. DS20.exception_shift_C_stop_time	string, must be time as HH:MM:SS+00:00. (ISO 8601)
subproject_ID		Unique subproject identifier. DS20.subproject_ID	string, maxLength: 50

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS21 rates			
description		This data set should be populated with the project's contractor EVMS cost tool resource rates. Provide the contractor EVMS cost tool resource rates by WP WBS level, resource identifier, and applicable FYs. The data may be UCNI.	
resource_ID	X	Resource identifier. DS21.resource_ID	string, maxLength: 50
EOC	X	EOC selection aligned with DS03.EOC: • labor • material • subcontract • ODC DS21.EOC	string, select from: labor, material, subcontract, ODC
burden_ID		Burden identifier (or overhead key) from accounting system, used to calculate indirect rate. DS21.burden_ID	string, maxLength: 50
type		Rate type: • D = direct rate • I = indirect rate DS21.type	string, select from: D, I
rate_start_date	X	Start date for which the rate is applicable. DS21.rate_start_date	string, must be date as YYYY-MM-DD
rate_dollars	X	Rate (dollars). DS21.rate_dollars	number, max. of 2 decimal places

DOE CPP Upload Requirements including DID

field name	req'd	description unique field identifier (primary & calculated)	JSON data type example
DS22 financial_calendar			
description		This data set should be populated with the project's contractor financial tool calendar for the entire span of the project (not the contract).	
calendar_name	X	Unique calendar name. DS22.calendar_name	string, maxLength: 1000
period_date	X	Time-phased period end dates. The data should align with the contractor data-as-of date and the CPP_status_date. The delta between sequential dates should be a month. There should be no more than 12 period dates in a fiscal year. DS22.period_date	string, must be date as YYYY-MM-DD
period_ID	X	Period identifier. The data is >0, starting with 1 and increments by 1. DS22.period_ID	integer, min. value: 1, max. value: 600