Department of the Air Force

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SRDR Update
SURF Lessons Learned & New Submission Forms

Matthew Stahr, AFCAA
Jenna Meyers, DASA-CE
Marc Russo, NCAD
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Agenda

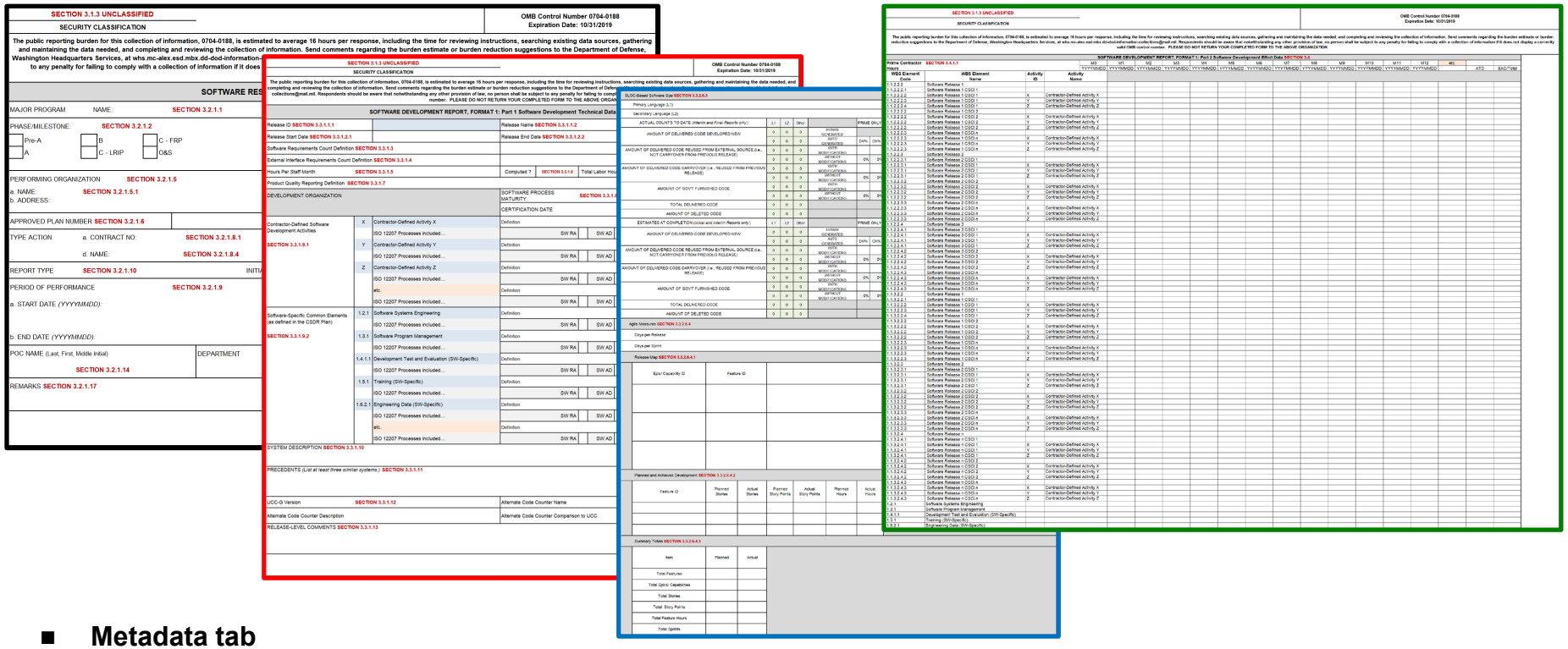
- What is an SRDR?
- SRDR Unified Review Function (SURF) background / Process / Lessons Learned
- CADE-hosted SRDR database
- Dev/Mx/ERP form changes
- Questions / Feedback

What is an SRDR?

- Cost and Software Data Reports are required per DODI 5000.73
- Software Resources Data Report
  - Legacy – Form 2630; DID approved May 2011
  - Development (Dev) – Form 3026-1, Maintenance (Mx) – Form 3026-2, and ERP – Form 3026-3; DID approved Nov 2017
  - Reporting thresholds:
    - Contracts, subcontractors, and Gov-performed efforts valued >20M (TY$) for:
      - Programs exceeding ACAT I-II thresholds
      - IS and MTA programs anticipated to exceed $100M in acq expenditures
    - High-risk or high-technical-interest software efforts <$20M as determined by CSDR plan approval authority
    - Programs with previous SRDR Dev or ERP requirements or software maintenance efforts >20M (TY$)

**Link to SRDR policy on CADE:* https://cade.osd.mil/policy/srdr

What is an SRDR?



- **Metadata tab**
- **Release tab; may be multiple tabs depending on the # of Releases**
- **CSCI tab; may be multiple tabs depending on the # of CSCIs**
- **Part 2 tab**

Cost analysts use this data extensively; it helps inform future estimates!

SRDR Unified Review Function

SURF Background

- SURF stands for the SRDR Unified Review Function
- Established in 2018, SURF is a DoD service-wide team of experts that supplements DCARCs review of SRDRs (Air Force, Navy, Army, MDA)
- The SURF team reviews all SRDRs (Format 1, 2, 3, and Legacy) based on a consistent structured list of questions captured within the SURF Verification and Validation templates (https://cade.osd.mil/policy/srdr)

SURF V&V Question Template Data

- DCARC provided all available 2019 and 2020 completed SURF V&V review templates for analysis
- Reports are a combination of accepted and rejected reports
- Number of reviews
  - Format 1: 62 (29 2019, 33 2020)
  - Format 2: 24 (11 2019, 13 2020)
  - Format 3: 10 (3 2019, 7 2020)
  - Legacy: 28 (17 2019, 11 2020)

Format 1 Top 10 "No"

Format 1		2019	2020	Combined
Element #	Question	No	No	No
1.3.30	Has the external interface requirements volatility been provided?	34%	45%	40%
1.3.27	Has the software requirements volatility been provided?	34%	39%	37%
1.7.1	Has the submitting organization provided a breakout of the number of software defects Discovered, Removed, and Deferred?	38%	36%	37%
1.8.14	Have the provided Effort totals been broken out by month?	52%	24%	37%
1.8.5	Were common WBS elements/labor categories such as System Engineering (SE), Program Management (PM), Configuration Management (CM), or Quality Management (QM) broken out separately?	52%	24%	37%
1.1.18	Did the contractor provide additional context for analyzing the data, such as any unusual circumstances that may have caused the data to diverge from historical norms?	48%	21%	34%
1.3.28	Has the contractor provided a total external interface requirements count?	28%	36%	32%
1.7.2	Has the priority level for each category of software defects been provided?	38%	27%	32%
1.9.5	Does the report include unique schedule start and end date values? For example, do multiple records have the same schedule data, e.g., same calendar dates for multiple WBS/CSCIs or builds?	24%	39%	32%
1.3.29	Has the contractor provided a breakout of external interface requirements by inherited, added/new, modified, deleted, deferred, certification and accreditation, security, safety, and privacy?	24%	36%	31%

- **Total number of reviews – 62 (29 2019, 33 2020)**
- **Context is often limited in reports**
- **SW defects seem to be an issue**

Format 2 Top 10 "No"

Format 2		2019	2020	Combined
Element #	Question	No	No	No
1.7.10	Does the breakout of hours by WBS remain consistent from the previous submission (e.g., Does this submission reflect a large increase in hours in a WBS that was previously a smaller portion of the effort?)	82%	54%	67%
1.7.9	Did the contractor provide hours associated with follow-on user training?	82%	46%	63%
1.7.8	Did the contractor provide hours associated with the on-site support of a deployed software product or system in its operational environment?	82%	46%	63%
1.7.4	Are other COTS Application software listed with product name, release ID, and Procured Quantity?	82%	38%	58%
1.7.7	Did the contractor provide hours associated with establishing and operating software maintenance related development including development assets / workstations, integration, and test facilities, and support equipment and tools?	82%	38%	58%
1.7.2	Did the contractor provide Sustaining/Systems Engineering Hours?	73%	38%	54%
1.7.3	Did the contractor provide hours associated with activities such as software Cybersecurity and Information Assurance Vulnerability Management?	73%	38%	54%
1.7.6	Did the contractor provide hours associated with providing software specific help desk support for end users?	64%	46%	54%
1.5.2	Has the contractor identified the minimum number of labor hours required to sustain the capability?	55%	31%	42%
1.6.8	For each release and priority, did the contractor provide a count of the number of unplanned software changes that were added/changed/deleted from the release after the release began?	55%	31%	42%

- **Total number of reviews – 24 (11 2019, 13 2020)**
- **"Common" hours often missing**

Format 3 Top 10 "No"

Format 3		2019	2020	Combined
Element #	Question	No	No	No
1.7.5	Is System Support filled in for System Admin, Help Desk, Post Go-Live Support, and Other (if Other is used, is it filled in?)	33%	86%	70%
1.4.11	Are there any comments on Product Sizing?	33%	43%	40%
1.7.1	Is Plan and Analyze filled in for Release Planning, Blue Printing/Gap Analysis, and Other (if Other is used, is it filled in)?	0%	57%	40%
1.7.3	Is Test filled in for Development Level Test and Evaluation (SW specific) and Other (if Other is used, is it filled in?)	0%	57%	40%
1.6.6	Are Initial Training Courses listed by Type (i.e., Instructor-Led Training, Computer-Based Training, Other) with a course description?	67%	29%	40%
1.1.7	Is the approved plan number included?	33%	29%	30%
1.1.6	Is the Division Name and address included?	0%	43%	30%
1.6.7	Are there comments on Project Implementation Reporting?	0%	43%	30%
1.7.4	Is Deployment filled in for Hardware and Software installation, User Documentation, Site Activation, User Training, Data Migration, and Other (if Other is used, is it filled in?)	0%	43%	30%
1.1.18	Did the contractor provide additional context for analyzing the data, such as any unusual circumstances that may have caused the data to diverge from historical norms?	0%	43%	30%

- **Total number of reviews – 10 (3 2019, 7 2020)**
- **Some issues may be "fixed" with new form**

Legacy Top 10 "No"

Legacy		2019	2020	Combined
Element #	Question	No	No	No
1.2.2	Has the Major Defense Acquisition Program (MDAP) or Defense Business System (DBS) designation been listed?	59%	45%	54%
1.1.4	Is the As Of Date later than the Actual Date (e.g. Date Prepared) of submission/acceptance (this is important when making a decision about the usability of an initial report – see 4.0 Pairing Data)?	59%	36%	50%
1.5.4.1	Has the submitting organization provided a breakout of the number of software defects Discovered, Removed, and Deferred?	47%	55%	50%
1.5.1.3	Has the contractor identified how and where integration efforts for all COTS/GOTS/Open-Source Applications are included (e.g. Glue Code counts)? Have they indicated whether these are estimates?	41%	55%	46%
1.5.2.9	Were code adaptation factors reported (percent redesign, recode, reintegration)?	53%	36%	46%
1.5.1.4	Has the contractor provided the Configuration Effort for all COTS/GOTS/Open-Source Applications? Have they indicated whether these are estimates?	35%	55%	43%
1.2.16	Is the Process Maturity rating reported with an associated date? Is Certification Date current? Can be verified on the PARS database (https://sas.cmmiinstitute.com/pars/pars.aspx). The Appraisal is valid for 3 years, verification that CMMI appraisal is less than 3 years old.	47%	18%	36%
1.1.1	Is the submission compliant with the CSDR Plan, i.e., a comparison of the submission to the plan requirement?	35%	27%	32%
1.1.6	Is there an easily identifiable event associated with the submission (for example: Contract Award, Build 2 Release, Build 1 Complete, Contract Complete, etc.)?	41%	18%	32%
1.1.9	Is it clear if the information represents a Technology Demonstration (TD) or Engineering and Manufacturing Development (EMD) phase if the program is in that stage of development?	47%	9%	32%

- **Total number of reviews – 28 (17 2019, 11 2020)**

Format 1 & 2 Top 10 "Yes"

Format 1		2019	2020	Combined
Element #	Question	Yes	Yes	Yes
1.1.14	Is the POC name included with Department, Telephone, and Email address?	97%	100%	98%
1.1.3	Is the Prime Mission Product Name included?	97%	100%	98%
1.1.4	Is the Reporting Organization Type included?	97%	100%	98%
1.1.9	Is the type action filled out with the contract number, name, modification number, solicitation number, and task order / delivery order / lot number included?	97%	97%	97%
1.3.10	Has the Software development characterization been provided?	100%	94%	97%
1.3.15	Has the contractor listed a standard development process?	100%	94%	97%
1.4.1	Was the primary programming language reported?	97%	97%	97%
1.1.10	Is the period of performance start date and end data included?	97%	94%	95%
1.1.15	Is the date prepared included?	90%	100%	95%
1.1.16	Is the appropriation included?	90%	100%	95%

Format 2		2019	2020	Combined
Element #	Question	Yes	Yes	Yes
1.1.3	Is the Prime Mission Product Name included?	100%	100%	100%
1.1.4	Is the Reporting Organization Type included?	100%	100%	100%
1.1.11	Is the Report Type designated? (i.e., Initial, Interim, or Final)	100%	100%	100%
1.1.12	Is the submission or resubmission number entered?	100%	100%	100%
1.1.13	Is the report as of date included?	100%	100%	100%
1.1.14	Is the POC name included with Department, Telephone, and Email address?	100%	100%	100%
1.1.15	Is the date prepared included?	100%	100%	100%
1.1.16	Is the appropriation included?	100%	100%	100%
1.4.12	Did they indicate whether the software is operated in a manned or unmanned operating environment?	100%	100%	100%
1.4.13	Has the contractor identified at least one application domain that was maintained or to be maintained in the release?	100%	100%	100%

Format 3 & Legacy Top 10 "Yes"

Format 3		2019	2020	Combined
Element #	Question	Yes	Yes	Yes
1.1.1	Is the Major Program Name included?	100%	100%	100%
1.1.2	Is the Phase Milestone designated?	100%	100%	100%
1.1.3	Is the Prime Mission Product Name included?	100%	100%	100%
1.1.4	Is the Reporting Organization Type included?	100%	100%	100%
1.1.5	Is the Performing Organization Name and address included?	100%	100%	100%
1.1.10	Is the period of performance start date and end data included?	100%	100%	100%
1.1.11	Is the Report Type designated? (i.e., Initial, Interim, or Final)	100%	100%	100%
1.1.12	Is the submission or resubmission number entered?	100%	100%	100%
1.1.14	Is the POC name included with Department, Telephone, and Email address?	100%	100%	100%
1.1.15	Is the date prepared included?	100%	100%	100%

Legacy		2019	2020	Combined
Element #	Question	Yes	Yes	Yes
1.2.1	Has the program name been identified?	100%	100%	100%
1.2.7	Has the contractor or organization that performed the work been identified?	100%	100%	100%
1.2.9	Has the specific site or subdivision for the contractor been identified?	100%	100%	100%
1.3.3.1	Has the contractor listed a standard process, or is there a unique identifier in the SRDR data dictionary describing what the process is?	100%	100%	100%
1.3.3.2	Has the contractor indicated whether the software is an upgrade or new development?	100%	100%	100%
1.3.3.4	Has the development method also been identified (for example: Structured Analysis, Object Oriented, Vienna Development, etc.)?	100%	100%	100%
1.5.2.1	Was the primary programming language reported?	100%	100%	100%
1.7.1	Has schedule data been included in the submission?	100%	100%	100%
1.7.3	Has the provided schedule data been clearly reported as calendar dates?	100%	100%	100%
1.1.2	Does the report reference the CSDR Plan?	100%	91%	96%

Observations

- Where could things be improved?
  - Priority reports
  - “Common” elements hours
  - Context within report
  - ERP
- What’s going well
  - Metadata/common data
- Other concerns
  - Alignment between release level and part 2
  - SLOC table (totals and AAFs)
  - CSCI schedule section

SRDR Form Changes

Database Background

- The Excel-based SRDR form currently used for industry submission is not conducive to analysis due to formatting issues within each worksheet and the spread of WBS elements across multiple worksheets
- Analyst users would like CADE to have the ability to export the contents of the current SRDR format industry submissions in a more easily analyzable format, both within a single SRDR industry submission and consolidating across SRDR submissions
- SRDR Database Subgroup (to the SRDR Working Group) formed with representatives from: AFCAA, DASA-CE, NCCA, NAVAIR, and MDA

CADE SRDR Database

- **Status quo:**
  - **Hanging files on CADE**
  - **NAVAIR has created a database based on the legacy form that is widely used across cost community**
- **New CADE-hosted database as of Feb 2021:**
  - **Exports developed for legacy, Dev, Mx, and ERP**
    - **Primary tables to include detailed/summary-level data for both Releases and CSCIs**
    - **One-to-many sub-tables for contractor defined activities, outsourced organizations, etc.**
  - **NAVAIR continues to input legacy data into their database; will be imported as part of new database**

New SRDR Forms

Why rebuild the form?

1) Ingestion into the new database

- **Inconsistent formatting and layout (e.g. merged cells)**
- **Not always clear where to input data/information**
- **DID references in red text and pre-populated examples throughout form**
- **Unclear ties between Release/Sub-Release/CSCI/Activity**

2) Enhance ability to automate validation and verification

- **Ease burden on submitter**
- **Ease burden on review team (DCARC/SURF/SPO/analyst)**

3) General cleanup

- **Add instructions where necessary**
- **Group related fields**

Current SRDR Form

SOFTWARE RESOURCES DATA REPORTING: Metadata SECTION 3.2.1

MAJOR PROGRAM NAME: SECTION 3.2.1.1

PRIME MISSION PRODUCT SECTION 3.2.1.3

PHASE/MILESTONE: SECTION 3.2.1.2

☐ Pre-A ☐ B ☐ C - FRP
☐ A ☐ C - LRIP ☐ O&S

REPORTING ORGANIZATION TYPE SECTION 3.2.1.4

☐ PRIME/ASSOCIATE CONTRACTOR
☐ DIRECT-REPORTING SUBCONTRACTOR
☐ GOVERNMENT

Lack of instructions

PERFORMING ORGANIZATION SECTION 3.2.1.5

a. NAME: SECTION 3.2.1.5.1
b. ADDRESS:

DIVISION SECTION 3.2.1.5.2

a. NAME:
b. ADDRESS:

Unclear where to fill in data

APPROVED PLAN NUMBER SECTION 3.2.1.6

CUSTOMER SECTION 3.2.1.7

TYPE ACTION a. CONTRACT NO: SECTION 3.2.1.8.1 b. MODIFICATION NO. SECTION 3.2.1.8.2 c. SOLICITATION NO.: SECTION 3.2.1.8.3

d. NAME: SECTION 3.2.1.8.4 e. TASK ORDER/DELIVERY ORDER/LOT NO.: SECTION 3.2.1.8.5

REPORT TYPE SECTION 3.2.1.10 INITIAL ☐ INTERIM ☐ FINAL ☐

PERIOD OF PERFORMANCE SECTION 3.2.1.9

a. START DATE *(YYYYMMDD)*:

b. END DATE *(YYYYMMDD)*:

Date fields separated

APPROPRIATION SECTION 3.2.1.16

☐ RDT&E
☐ PROCUREMENT
☐ O&M

SUBMISSION NUMBER SECTION 3.2.1.11

RESUBMISSION NUMBER SECTION 3.2.1.12

REPORT AS OF *(YYYYMMDD)* SECTION 3.2.1.13

DATE PREPARED *(YYYYMMDD)* SE

DID references can be confused with data

POC NAME (Last, First, Middle Initial) SECTION 3.2.1.14

DEPARTMENT

TELEPHONE (Include Area Code) EM

REMARKS SECTION 3.2.1.17

Rebuilt SRDR Forms

Dev/Mx/ERP – Common Heading

SOFTWARE RESOURCES DATA REPORTING
FORMAT 1 - SOFTWARE DEVELOPMENT REPORT

OMB Control Number xxxx-xxxx
Expiration Date: MM/DD/YYYY

The public reporting burden for this collection of information, 0704-0188, is estimated to average 16 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil. Respondents should be aware that notwithstanding any other provision of la valid OMB control number. **PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE ABOVE O**

DID references removed

Normalized styling, language, and layout

METADATA

Program Name	**Prime Mission Product**	**Date Prepared** (YYYYMMDD)

Phase/Milestone (check one only)	**Appropriation** (check all that apply)	**Reporting Organization Type** (check one only)
☐ Pre-A ☐ C - LRIP	☐ RDT&E	☐ Prime / Associate Contractor
☐ A ☐ C - FRP	☐ Procurement	☐ Direct-Reporting Subcontractor
☐ B ☐ O&S	☐ O&M	☐ Government

Instructions

Performing Organization Name / Address	**Division Name / Address**	**Customer** (Direct-Reporting Subcontractor only)

Bold & capital section labels

Grey indicates grouped fields

TYPE ACTION

	Contract No.	**Latest Mod. No.**	**Solicitation No.**	**Name**	**Order / Lot No.**

PERIOD OF PERFORMANCE

	Start Date (YYYYMMDD)	**End Date** (YYYYMMDD)

Approved Plan Number	**Report Type** (check one only)	**Submission Number**	**Resubmission Number**	**Report As Of** (YYYYMMDD)
	☐ Initial ☐ Interim ☐ Final			

POINT OF CONTACT

	Name	**Department**	**Telephone Number**	**Email Address**

Remarks

Rebuilt SRDR Forms

Dev – Release Level

PART 1 - SOFTWARE DEVELOPMENT TECHNICAL DATA, RELEASE LEVEL

Release ID	Release Name	Release Start Date (YYYYMMDD)	Release End Date (YYYYMMDD)	Release Completed? ☐ Yes ☐ No

Software Requirements Count Definition

External Interface Requirements Count Definition

'Release complete' status added to Release Level tabs for Dev/Mx/ERP

Hours Per Staff Month	Hours Per Staff Month Computed? ☐ Yes ☐ No	Total Labor Hours (if hours per staff month computed)	Total Staff (if hours per staff month computed)

Product Quality Reporting Definition

SOFTWARE PROCESS MATURITY

Rating	Certification Date (YYYYMMDD)	Lead Evaluator	Evaluator Affiliation

CONTRACTOR-DEFINED SOFTWARE DEVELOPMENT ACTIVITIES

Pre-populated examples removed

ID	Name	Definition	ISO 12207 processes included (check all that apply)						
			SW RA	SW AD	SW DD	SW CON	SW I	SW QT	SW SP

SOFTWARE-SPECIFIC COMMON ELEMENTS (as defined in the CSDR plan)

ID	Name	Definition	ISO 12207 processes included (check all that apply)						
			SW RA	SW AD	SW DD	SW CON	SW I	SW QT	SW SP

Easily expandable "one-to-many" tables

Rebuilt SRDR Forms

Dev – Part 2

✓ More consistent Part 2 across Dev/Mx/ERP forms

Release ID added to clearly align to Release Level Tab

CSCI ID added to clearly align to CSCI Level tab

Clarification of Outsourced Organization Name

PART 2 - SOFTWARE DEVELOPMENT EFFORT DATA

Reporting Period End Dates (YYYYMMDD)			
M0	M1	M2	...

PRIME CONTRACTOR HOURS

Release ID	CSCI ID	WBS Element Code	WBS Element Name	Activity ID	Activity Name	M1 Hours	M2 Hours	...	ATD Hours	EAC Hours

SUBCONTRACTOR HOURS

Release ID	WBS Element Name	Activity ID	Activity Name	M1 Hours	M2 Hours	...	ATD Hours	EAC Hours	Outsourced Development Organization Name

SUBCONTRACTOR DOLL

Release ID	CSCI ID	WBS Element Code	WBS Element Name	Activity ID	Activity Name	M1 Dollars ($K)	M2 Dollars ($K)	...	ATD Dollars ($K)	EAC Dollars ($K)	Outsourced Development Organization Name

Effort Comments

Rebuilt SRDR Forms

Mx – Part 2

Release ID added to clearly align to Release Level Tab

✓ More consistent Part 2 across Dev/Mx/ERP forms

PART 2 - SOFTWARE MAINTENANCE EFFORT DATA

PRIME CONTRACTOR HOURS

Release ID	WBS Element Code	WBS Element Name	Is Sub-Release Activity?	Sub-Release Activity Name	ATD Hours

Removed pre-populated examples of common support elements

SUBCONTRACTOR HOURS

Release ID	WBS Element Code	WBS Elemen Name	ub-Release tivity Name	ATD Hours	Outsourced Maintenance Organization Name

SUBCONTRACTOR DOLLARS ($K)

Release ID	WBS Element Code	WBS Element Name	Is Sub-Release Activity?	Sub-Release Activity Name	ATD Dollars ($K)	Outsourced Maintenance Organization Name

Effort Comments

Rebuilt SRDR Forms

ERP – Release Level

Delineation between ATD and EAC

OBJECT SIZING

	ATD									EAC		
	Designed			Built			Tested / Implemented			Tested / Implemented		
	Simple	Medium	High	Simple	Medium	High	Simple	Medium	High	Simple	Medium	High
Configuration Objects												
Reports												
Interfaces												
Conversions												
Extensions												
Security Patches												
Bolt-Ons												
Forms												
Workflows												

OTHER PROGRAM DEFINED OBJECTS

	ATD									EAC		
	Designed			Built			Tested / Implemented			Tested / Implemented		
Object Name	Simple	Medium	High	Simple	Medium	High	Simple	Medium	High	Simple	Medium	High

Object Sizing Comments (include any standards or guidelines for Other Program Defined Objects)

- **Project, Object Sizing, Other Sizing, and Implementation tabs consolidated into single Release Level tab**

Rebuilt SRDR Forms

ERP – Part 2

✓ More consistent Part 2 across Dev/Mx/ERP forms

Release ID added to clearly align to Release Level Tab

Removed pre-populated examples of common support elements

Prime/Subcontractor sections separated

Added Sub-Release Activity info

PART 2 - SOFTWARE DEVELOPMENT EFFORT DATA

Reporting Period End Dates (YYYYMMDD)			
M0	M1	M2	...

PRIME CONTRACTOR HOURS

Release ID	WBS Element Code	WBS Element Name	...	ATD Hours	EAC Hours

SUBCONTRACTOR HOURS

ent	WBS Element Name	Is Sub-Release Activity?	Sub-Release Activity Name	M1 Hours	M2 Hours	...	ATD Hours	EAC Hours	Outsourced Development Organization Name

Release ID	WBS Element Code	WBS Element Name	Is Sub-Release Activity?	Sub-R Activity	...	ATD Dollars ($K)	EAC Dollars ($K)	Outsourced Development Organization Name

Effort Comments

Submitter/Reviewer/User Impacts

- **cPET validation up front will lead to less back-and-forth between DCARC and submitter regarding administrative errors**
- **New forms emphasize the importance of the CSDR plan as well as CSDR-RR discussions post- contract award**
  - **Are the correct boxes checked in the SRDR column? (Pg. 2, REPORTING)**
  - **Are the submission events logical given the software development/software maintenance strategy? (Pg. 3, EVENTS)**
  - **Are the relationships between the WBS elements, CSCIs, and Releases clear? (Pg. 6, SRDR DEV; Pg. 7, SRDR MX; Pg. *tbd*, SRDR ERP)**

It is the responsibility of the CWIPT to ensure the CSDR plan is logical and consistent!

Questions/Feedback

Frequently asked questions:

- **When do these new forms go into effect?**
- **I am currently reporting using the 3026 series SRDR form; do I need to immediately change to this one?**
- **When can I expect an updated SRDR Implementation Guide available on the CADE website?**
- **The DID section reference numbers were extremely helpful; will a sample form with those embedded still be available?**
- **Did the DID change with these SRDR form changes?**
- **What training is available for using these new forms?**

***Link to CADE training events:** https://cade.osd.mil/EventsCalendar

Backup

CSDR Plan

Pg 6, SRDR DEV Supplement

COST AND SOFTWARE DATA REPORTING PLAN - SRDR DEVELOPMENT

19. RELEASES

a. ID	b. NAME	c. DATE
1		
2		
2...n		

20. CSCI'S

a. ID	b. NAME
C1	
C2	
C2...n	

21. PRODUCT SIZE REPORTING ELEMENTS

a. CODE	b. NAME	c. RELEASE ID	d. CSCI ID
1.2.3.3.1	Propulsion Software CSCI 1..n (Specify)	1	C1
1.2.4.2.3.1	Flight Control Software CSCI 1..n (Specify)	2	C2
1.2.4.3.3.1	Auxiliary Power Software CSCI 1..n (Specify)	2...n	C2...n

22. PRODUCT SIZE SUBMISSIONS

		c. RELEASE ID:	1	2	2...n
a. NUMBER	b. NAME		Included?	Included?	Included?
3	Contract Award [See SRDR Implementation Guide]		x	x	x
4	Start of each Software Release [See SRDR Implementation Guide]		x	x	x
6	End of each Software Release [See SRDR Implementation Guide]		x	x	x
7	End of each Software Release (Coincident with SRDR Final)		x	x	x
10	System Requiremnents Review (SRR) Software Interim [See SRDR Implementation Guide]		x	x	x
13	Preliminary Design Review (PDR) Software Interim [See SRDR Implementation Guide]		x	x	x
16	Critical Design Review (CDR) Software Interim [See SRDR Implementation Guide]		x	x	x
19	Annual Report 1...n Software Interim [See SRDR Implementation Guide]		x	x	x
24	Contract Completion (60 days from completion - Total Contract Actuals) [See SRDR Implementation Guide]		x	x	x
25	Optional		x	x	x