Agenda

- Why SRDRs?
- Policy Overview
- Reporting Thresholds
- Contract Requirements Data List (CDRL)
- SRDR Form Selection
- Reporting Frequency
- CSDR Plan
- SRDR Templates
- Cost of the SRDR
- Frequently Asked Questions

- SRDRs provide a mechanism to collect <u>objective</u> and <u>measurable</u> data on programs that include efforts to develop or maintain software

- Software development and support costs are significant

- Quality data underpins quality SW cost estimates

- SRDRs standardize data collection and once submitted into the Cost Assessment Data Enterprise (CADE) allow for the information to be shared across the Department of Defense (DoD)

Policy Overview

DI-MGMT-82035A
(APPROVED NOV 2017)

- REVISED - DD FORM 3026-1, Development Report **(APPROVED MAY 2018)**

- REVISED - DD FORM 3026-2, Maintenance Report **(APPROVED MAY 2018)**

- NEW - DD FORM 3026-3, Enterprise Resource Planning (ERP) Report **(APPROVED MAY 2018)**

Link:

https://cade.osd.mil/policy/srdr

DATA ITEM DESCRIPTION

Title: Software Resources Data Reporting: Development, Maintenance and Enterprise Resource Planning Development Reports, and Data Dictionary

Number: DI-MGMT-82035A   **Approval Date:** 20171115
AMSC Number: 9867   **Limitation:**
DTIC Applicable: No   **GIDEP Applicable:** No
Preparing Activity: CAPE   **Project Number:** MGMT-2017-033
Applicable Forms: Forms are available to be used to submit required formats as follows:

Software Data Format	Format Number	Form Number
Software Development Report	1	DD Form 3026-1 (REVISED)
Software Maintenance Report	2	DD Form 3026-2 (REVISED)
Enterprise Resource Planning (ERP) Software Development Report	3	DD Form 3026-3

1. **USE/RELATIONSHIP:** For background and detailed requirements related to Software Resources Data Reporting (SRDR), refer to DoD 5000.04-M-1 or the latest version of the "Cost and Software Data Reporting (CSDR) Manual."

   1.1. CSDR is the Department of Defense (DoD) system for collecting actual costs and software data and related business data. The resulting database serves as the primary contract cost and software data (CSD) database for most DoD resource analysis efforts, including cost database development, applied cost estimating, cost research, program reviews, analysis of alternatives (AoA), and life cycle cost estimates. All formats may be used in response to Government solicitations according to Defense Federal Acquisition Regulation Supplement (DFARS) sections 234.7100, 234.7101, 242.503-2, 252.234-7003, and 252.234-7004:

   1.1.1. Format 1, DD Form 3026-1, "Software Development Report", consists of two parts. Part 1, Software Development Technical Data, reports the software development size, context, and technical information. It consists of Release Level and Computer Software Configuration Item (CSCI) Level sections. CSCI is the lowest level of software development at which configuration management is performed by the developer. It is usually indicated by a separate Software Development Folder (SDF), Software Requirements Specification (SRS) etc. The CSDR plan will serve as the authoritative definition for reporting purposes. The Release Level Data includes all information applicable to the entire software release for the reporting event, defines each of the data elements as required, and describes the methods and rules used to perform the data measurement or estimation. The CSCI Level Data is used to obtain the estimated or actual (as-built) characteristics of a software product and its development process at the CSCI Level. Other terms for CSCI include Software End Item, Software Item (SI), etc., but this document will use CSCI as the primary term throughout. Part 2, Software Development Effort Data, reports the software development efforts associated with each reported release and CSCI. Format 1 uses the term "release" to refer to commonly used terms such as build, product build, and increment.

   1.1.2. Format 2, DD Form 3026-2, "Software Maintenance Report", consists of two parts. Part 1, Software Maintenance Technical Data, reports the size, context and technical information. It consists of Top Level and Release Level sections. The Top Level Data includes all information applicable to the software maintenance release(s) for the reporting event, defines each of the data elements as required, and describes the methods and rules used to perform the data measurement or estimation. The Release Level Data is used to obtain the actual (as-built) characteristics of the maintenance product and its maintenance process at the Release level. Part 2, Software Maintenance Effort Data, reports the to-date software maintenance efforts for each in-progress and completed release(s) and the annual total software maintenance activities. In Format 2, the word "release" refer to a set of changes

Check the source to verify that this is the current version before use.

Reporting Thresholds

Policy Documents:

- DoD Manual 5000.04-M-1, Cost and Software Data Reporting Manual
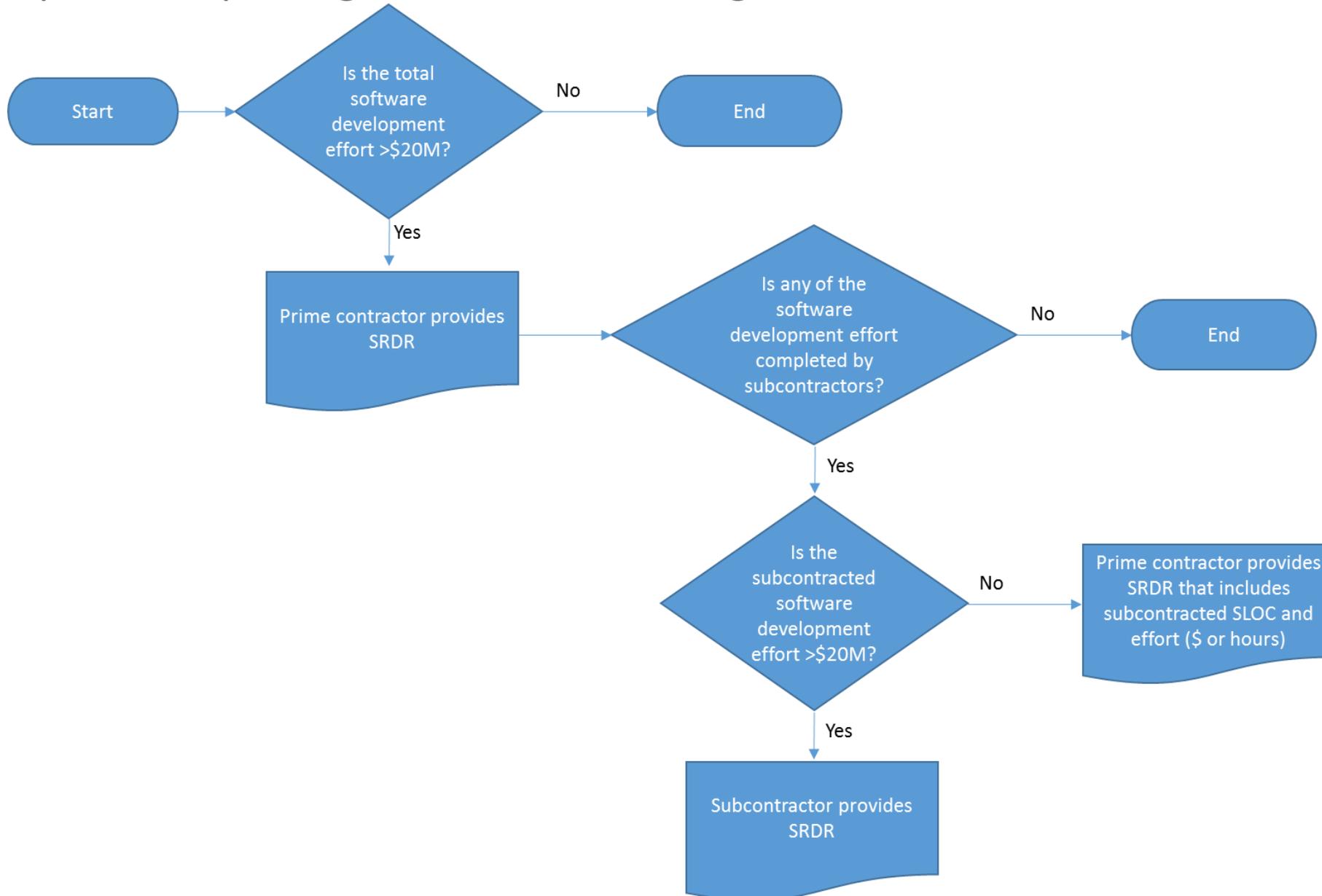
- Dr. Morin Memo, January 2017

Link:
https://cade.osd.mil/policy/srdr

- Development (to include ERP)
  - Software development element with a projected software effort greater than $20M

- Maintenance
  - Program has previously qualified for SRDR development reporting AND current annual software maintenance efforts exceed $1M
  - Or, the program currently qualifies for CCDR sustainment reporting (i.e., total contract exceeds $50M) AND current annual software maintenance efforts exceed $1M

- Prime contractors are responsible for flowing-down CSDR requirements to sub-contractors
  - The same thresholds apply to prime and subcontractors
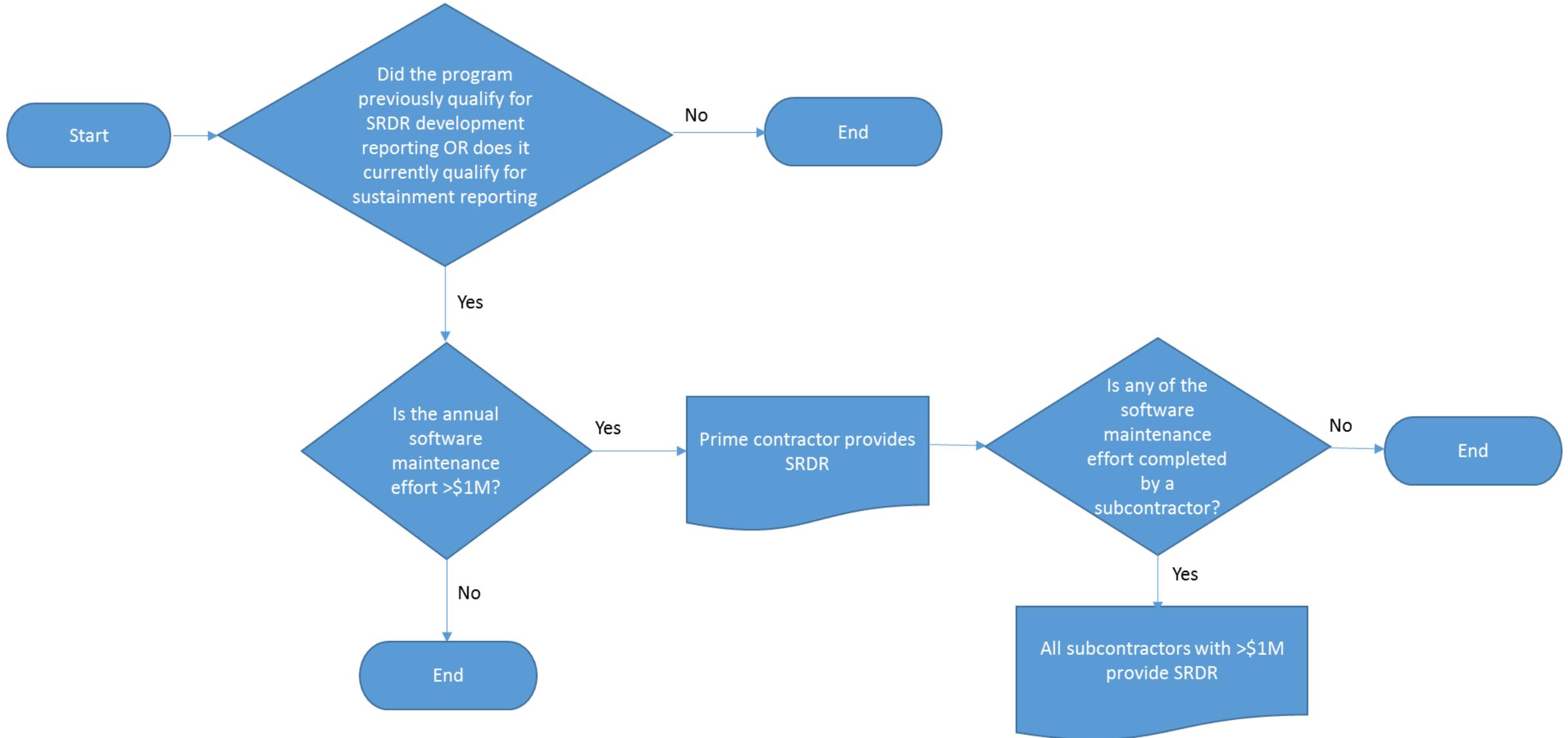
Development Reporting Threshold Flow Diagram

Sustainment Reporting Threshold Flow Diagram

Reporting Thresholds

Policy Documents:

- DoD Manual 5000.04-M-1, Cost and Software Data Reporting Manual

- Dr. Morin Memo, January 2017

- Example Scenario #1
  - Total Software Development Effort = $45M
    - Prime SW Dev Effort = $25M
    - Subcontractor SW Dev Effort = $20M
  - BOTH Prime and Subcontractor provide an SRDR

- Example Scenario #2
  - Total Software Development Effort = $45M
    - Prime SW Dev Effort = $35M
    - Subcontractor SW Dev Effort = $10M
  - Only the Prime contractor provides an SRDR
    - The prime contractor provides an SRDR and reports the subcontractor SLOC and effort (dollars or hours)

- Example Scenario #3
  - Total Software Development Effort = $45M
    - Prime SW Dev Effort = $15M
    - Subcontractor #1 SW Dev Effort = $10M
    - Subcontractor #2 SW Dev Effort = $10M
    - Subcontractor #3 SW Dev Effort = $10M
  - Only the Prime contractor provides an SRDR
    - The prime contractor provides an SRDR and reports the subcontractor SLOC and effort (dollars or hours)

Key language specific to SRDR:

- Submit all reports in MS Excel format

- Allocate resources for Verification and Validation (V&V) support of SRDRs

- Use the Government approved version of the Unified Code Counter, UCC-G, to obtain a set of standardized code counts that reflect logical size

Other Language:

- Subcontractor Reporting: Prime contractors are responsible for flowing down CSDR requirements contained in their prime contracts to all subcontractors who meet the reporting thresholds specified in the DoDI 5000.02, or as required by the CWIPT.

- The prime contractor shall be required to work with the CWIPT and all appropriate subcontractors to prepare separate subcontract CSDR plans for submission to the DCARC for DDCA approval.

Form Selection

	Development	**Maintenance**	**ERP**
Part 1	**Technical Data** SW size, context, technical parameters, descriptions and schedule Release level and Computer SW configuration item (CSCI) level	**Technical Data** SW size, context, technical parameters, descriptions, and schedule Top level and release level sections	**Technical Data** Provides context, technical parameters, descriptions and schedule Project level, sizing, and implementation sections
Part 2	**Effort Data** Reports SW efforts associated with each reported release and CSCI (tie to 1921-1, or FlexFiles)	**Effort Data** Reports the to-date SW maintenance efforts for each in-progress and completed release(s), and total maintenance activities (tie to 1921-5)	**Effort Data** Project resource and schedule information at the release level (tie to 1921-1, or FlexFiles)

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Reporting Frequency - Development
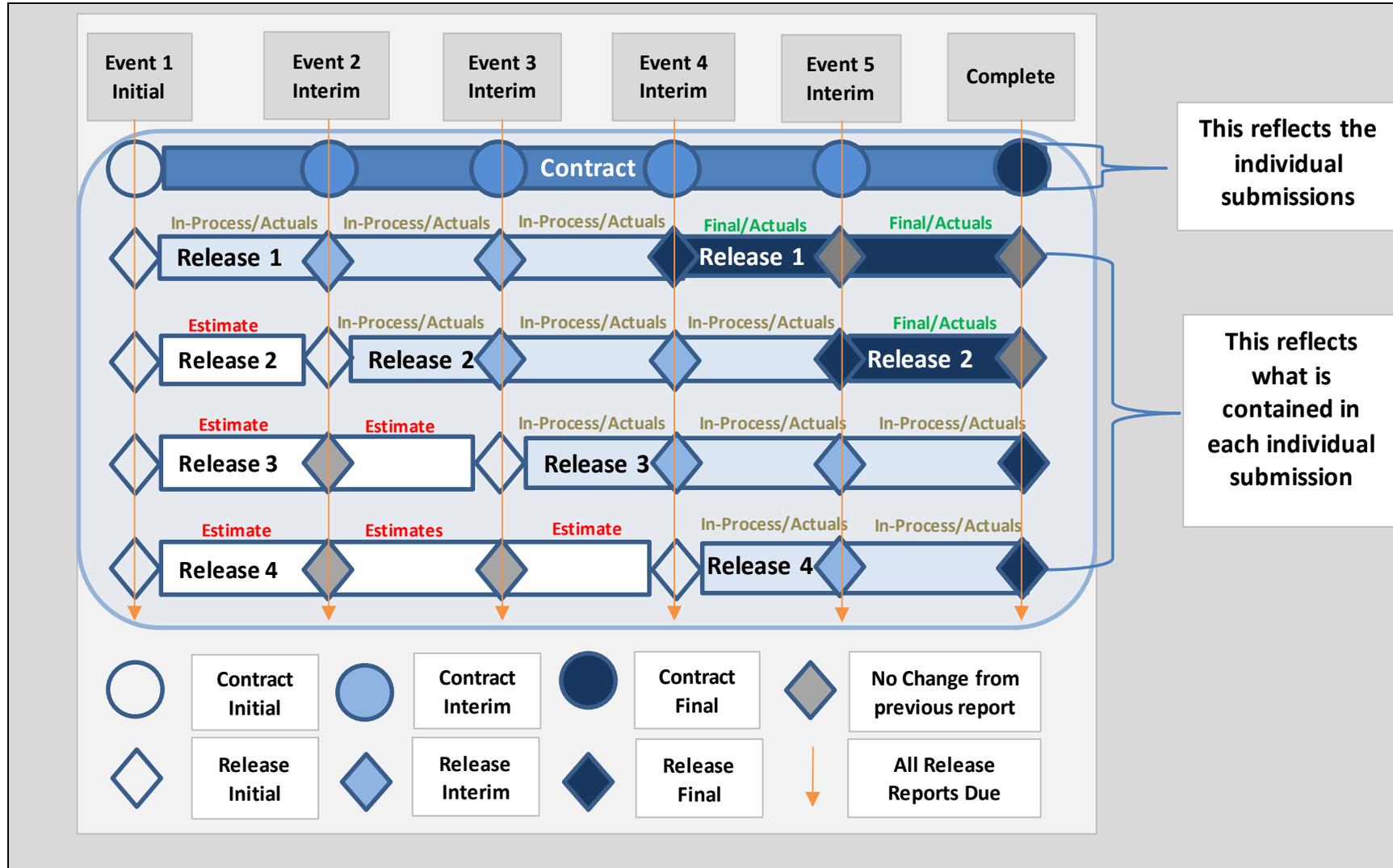
Reporting Frequency - Maintenance

13
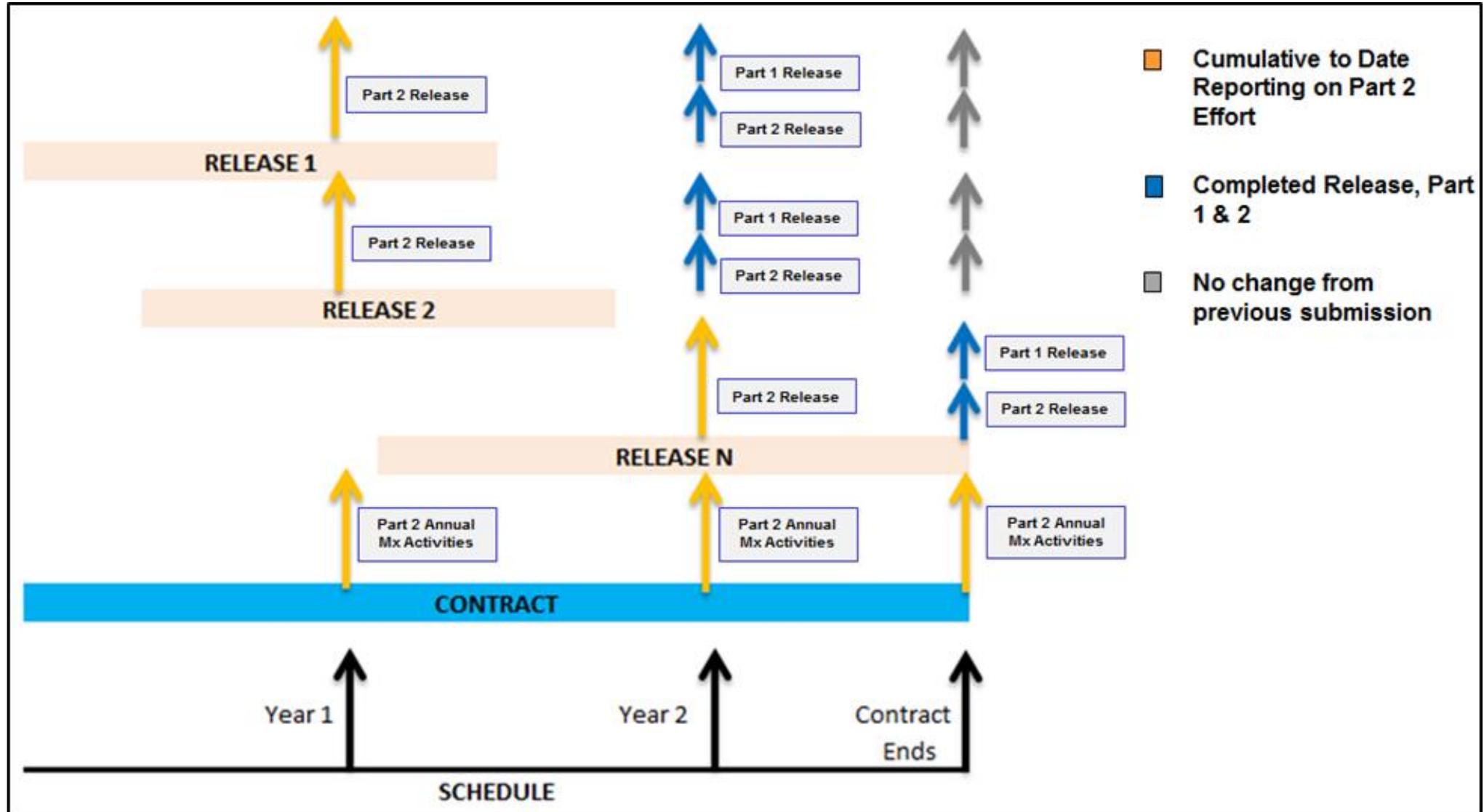
CSDR Standard Plan – Example SRDR Elements

COST AND SOFTWARE DATA REPORTING PLAN										
11. WORK BREAKDOWN STRUCTURE (WBS)			12. COST					13. TECHNICAL DATA		
								a. QUANTITY		c. MAINT. & REPAIR PARTS
a. WBS CODE	b. WBS LEVEL	c. WBS ELEMENT NAME	a. ACTUALS TO DATE (ATD)	b. LEGACY 1921-1	c. LEGACY 1921-2	d. LEGACY 1921-5	e. EAC/FAC (See item 10d)	i. QUANTITY DATA	ii. GFE QUANTITY	b. SRDR FORMATS
1.0	1	Aircraft System					X	X		
1.1	2	Aircraft System, Integration, Assembly, Test, and Checkout					X	X		
1.2	2	Air Vehicle					X	X		
1.2.1	3	Air Vehicle Integration, Assembly, Test, and Checkout					X	X		
1.2.1.1	4	Integration and Assembly	X					X		
1.2.1.2	4	Test and Checkout	X					X		
1.2.1.3	4	Rate Tooling	X					X		
1.2.2	3	Airframe					X	X		
1.2.3.3	4	Propulsion Software Release 1..n (Specify)						X		X
1.2.3.3.1	5	Propulsion Software CSCI 1..n (Specify)	X					X		X
1.2.4	3	Vehicle Subsystems					X	X		
1.2.4.1	4	Vehicle Subsystem Integration, Assembly, Test, and Checkout	X					X		
1.2.4.2	4	Flight Control Subsystem						X		
1.2.4.2.1	5	Flight Control Hardware Integration, Assembly, Test and Checkout	X					X		
1.2.4.2.2	5	Flight Control Hardware 1..n (Specify)	X					X		
1.2.4.2.3	5	Flight Control Software Release 1..n (Specify)						X		X
1.2.4.2.3.1	6	Flight Control Software CSCI 1..n (Specify)	X					X		X
1.2.4.3	4	Auxiliary Power Subsystem						X		
1.2.4.3.1	5	Auxiliary Power Hardware Integration, Assembly, Test, and Checkout	X					X		
1.2.4.3.2	5	Auxiliary Power Hardware 1..n (Specify)	X					X		
1.2.4.3.3	5	Auxiliary Power Software Release 1..n (Specify)						X		X
1.2.4.3.3.1	6	Auxiliary Power Software CSCI 1..n (Specify)	X					X		X
1.2.4.4	4	Hydraulic Subsystem						X		
1.2.4.4.1	5	Hydraulic Hardware Integration, Assembly, Test, and Checkout	X					X		
1.2.4.4.2	5	Hydraulic Hardware 1..n (Specify)	X					X		
1.2.4.4.3	5	Hydraulic Software Release 1..n (Specify)						X		X
1.2.4.4.3.1	6	Hydraulic Software CSCI 1..n (Specify)	X					X		X

CSDR Plan Example – Page 3 (EVENTS)

COST AND SOFTWARE DATA REPORTING PLAN

14. CSDR SUBMISSION EVENTS

| a. EVENT ID	b. DATA REPORT(S)	c. SUBMISSION EVENT NAME	d. REPORT CYCLE	e. AS OF DATE (YYYYMMDD)	f. DUE DATE (YYYYMMDD)
1	Cost and Hour Report (FlexFile), Quantity Data Report	Contract Award (plus 12 months)	Initial		
2	Technical Data Report	Contract Award (plus 12 months)	Initial		
3	SRDR Development	Contract Award (plus 12 months - Total Contract Estimate)	Initial		
4	SRDR Development	Start of each Software Release	Initial		
5	Cost and Hour Report (FlexFile), Quantity Data Report	Start of each Software Release (Coincident with SRDR Initial)	Interim		
6	SRDR Development	End of each Software Release	Final		
7	Cost and Hour Report (FlexFile), Quantity Data Report	End of each Software Release (Coincident with SRDR Final)	Interim		
8	Cost and Hour Report (FlexFile), Quantity Data Report	System Requirements Review (SRR)	Interim		
9	Technical Data Report	System Requirements Review (SRR)	Interim		
10	SRDR Development	System Requiremnents Review (SRR) Software Interim	Interim		
11	Cost and Hour Report (FlexFile), Quantity Data Report	Preliminary Design Review (PDR)	Interim		
12	Technical Data Report	Preliminary Design Review (PDR)	Interim		
13	SRDR Development	Preliminary Design Review (PDR) Software Interim	Interim		
14	Cost and Hour Report (FlexFile), Quantity Data Report	Critical Design Review (CDR)	Interim		
15	Technical Data Report	Critical Design Review (CDR)	Interim		
16	SRDR Development	Critical Design Review (CDR) Software Interim	Interim		
17	Cost and Hour Report (FlexFile), Quantity Data Report	Annual Report 1...n	Interim		
18	Technical Data Report	Annual Report 1...n	Interim		
19	SRDR Development	Annual Report 1...n Software Interim	Interim		
20	Cost and Hour Report (FlexFile), Quantity Data Report	First Production Representative Unit Delivered	Final		
21	Technical Data Report	First Production Representative Unit Delivered	Final		
22	Cost and Hour Report (FlexFile), Quantity Data Report	Contract Completion (60 days from completion)	Final		
23	Technical Data Report	Contract Completion (60 days from completion - Total Contract Actuals)	Final		
24	SRDR Development	Contract Completion (60 days from completion - Total Contract Actuals)	Final		

CSDR Plan Example – 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
1.2.4.4.3.1	Hydraulic Software CSCI 1..n (Specify)	1	C1
1.2.4.5.3.1	Electrical Software CSCI 1..n (Specify)	2	C2
1.2.4.6.5.1	Crew Station Software CSCI 1..n (Specify)	2...n	C2...n
1.2.4.7.3.1	Environmental Control Software CSCI 1..n (Specify)	1	C1
1.2.4.8.3.1	Fuel Subsystem Software CSCI 1..n (Specify)	2	C2
1.2.4.9.3.1	Landing Gear Software CSCI 1..n (Specify)	2...n	C2...n
1.2.4.10.3.1	Rotor Group Software CSCI 1..n (Specify)	1	C1
1.2.4.11.3.1	Drive Group Subsystem Software CSCI 1..n (Specify)	2	C2
1.2.4.12.1	Vehicle Subsystems Software CSCI 1..n (Specify)	2...n	C2...n

22. PRODUCT SIZE SUBMISSIONS

a. NUMBER	b. NAME	c. RELEASE ID: 1 Included?	2 Included?	2...n Included?
3	Contract Award (plus 12 months - Total Contract Estimate)	x	x	x
4	Start of each Software Release	x	x	x
6	End of each Software Release	x	x	x
7	End of each Software Release (Coincident with SRDR Final)	x	x	x
10	System Requiremnents Review (SRR) Software Interim	x	x	x
13	Preliminary Design Review (PDR) Software Interim	x	x	x
16	Critical Design Review (CDR) Software Interim	x	x	x
19	Annual Report 1...n Software Interim	x	x	x
24	Contract Completion (60 days from completion - Total Contract Actuals)	x	x	x

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CSDR Plan – CSCI and Release Changes

TYPE ▾	REMARK TYPE ▾	REMARK DESCRIPTION ▾
SRDR Development Report	Number of CSCIs and Releases	#. Software Development Releases and Computer Software Configuration Items (CSCIs) are meant to capture the technical information and effort associated with each software Release and CSCI. If a Release or CSCI is defined on the contract and the CSDR plan has not been updated, it is the contractor's responsibility to submit the technical data, the dollars, and the hours in the SRDR by the appropriate Release(s) and CSCI(s). The CSDR plan will be revised accordingly to include any identified Releases/CSCIs.
SRDR Maintenance Report	Number of Releases	#. Software Releases are meant to capture the technical information and effort associated with each software release. If a release is identified/defined on the contract and the CSDR plan has not been updated, it is the contractor's responsibility to submit the technical data, the dollars, and the hours in the SRDR by the appropriate Release(s). The CSDR plan will be revised accordingly to include any identified Releases.
SRDR Development ERP Report	Number of Releases	#. Software Releases are meant to capture the technical information and effort associated with each software release. If a release is identified/defined on the contract and the CSDR plan has not been updated, it is the contractor's responsibility to submit the technical data, the dollars, and the hours in the SRDR by the appropriate Release(s). The CSDR plan will be revised accordingly to include any identified Releases.

Submission Process
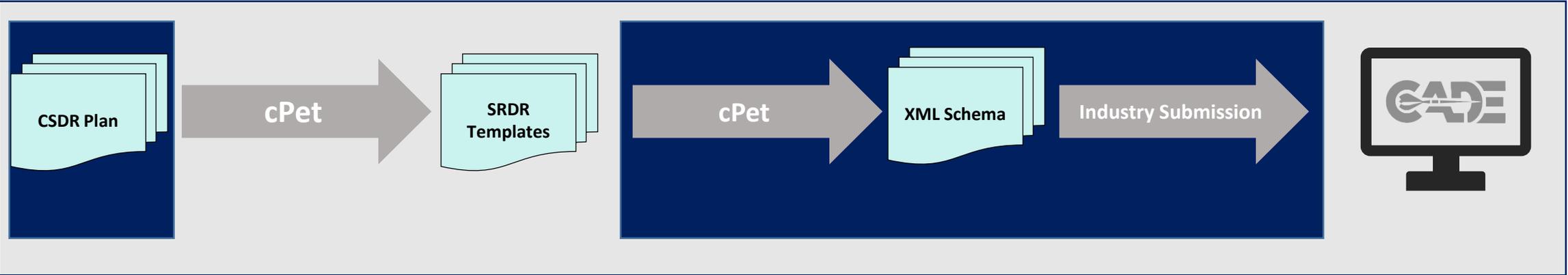
SRDR

Plan Creation

Upload DD 2794 into cPet or use cPet to create DD 2794 including SRDR supplements.
Export SRDR template.

XML Creation

Fill out templates with Industry data. Upload completed templates into cPet. Export xml schema.

Submit

Once verified by the contractor, submit xml schema and associated Part 2 excel file into CADE.

Cost of the SRDR Approach

Approach:
- Collect data
  - SRDR WG Members
    - Received both actuals, anecdotal evidence, and proposal data
  - Conduct interviews with SRDR data submitters
    - NGC, Raytheon, Boeing and Lockheed Martin
  - Collect data from other cost reports such as the 1921-1s
    - Cost of submitting CSDRs –unable to separate the software reporting costs from the total cost of CSDR reporting
  - Requested data from Aviation CIPT Members
- Analyze and compile the data to understand the costs and potential cost drivers
- Document results and lessons learned

Cost of the SRDR - Preliminary Results

	Hours per Submission	Cost per Submission
Average	269	$ 75,934
Min	59	$ 16,582
Max	642	$ 181,044
Median	199	$ 56,200

Where information is known, it represents:

- 10 data points
- 6 different contractors
- 4 different SRDR formats
  - 2630-2 – Initial SRDR
  - 2630-3 – Final SRDR
  - 3026-1 – SRDR Development
  - 3026-3 – Pilot ERP Development

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Cost of the SRDR - Scenarios

Scenario	Contract Value	# Reporting Subcontractors	# Submission Events	Cost of SRDRs	SRDR Cost as a % of Contract Cost
1	$20M	0	2	$ 151,867	0.76%
2	$20M	0	4	$ 303,734	1.52%
3	$80M	2	30	$2,278,009	2.85%

Scenario 1

- $20M contract with software, prime provides the reports, 1 release, 1 initial and 1 final report

Scenario 2

- $20M contract with software, prime provides the reports, 1 release, 4 reports: initial, final, PDR, CDR

Scenario 3

- $80M contract, prime + 2 subcontractors, 2 releases, 5 reports per release: initial, final, PDR, CDR, test. Total of 30 submission events.

Agile Metric Reporting

Lessons Learned:
- Agile terminology and size metrics are not consistent across software development organizations
- Agile affects the software development and management processes, it should not affect the vendor's ability to count SLOC or RICE-FW objects on the completed project
- The Agile EVM guide suggests capabilities and features as an acceptable hierarchy for the WBS. The SRDR development report requires that data be decomposed into Releases and CSCIs.
  - If capabilities (vs CSCIs) are included in the CSDR plan, the government can request a mapping to CSCIs for both size and effort.
  - If the developer is already tracking capabilities, as wall as, mapping the capabilities to CSCIs, it is beneficial for the CWIPT to request the lower level of detail in the CSDR plan (i.e. capabilities are children of the CSCI)

Include clarifying language in the CSDR plan:

- If the vendor is utilizing an agile development process, then the vendor must report both a traditional size metric (i.e. SLOC for the SRDR Development Form or RICE-FW for the ERP Development Form), as well as, agile size metrics in the SRDR.

- If the agile size metrics are not tracked at the CSCI level, then the vendor must report traditional size at the CSCI level and provide the agile metrics (such as features, epics, story points, etc.) at the release level, at a minimum.

- If the vendor is tracking agile metrics by capability, then the vendor must provide a supplemental mapping that shows the relationship between capabilities and CSCIs, as well as, report agile size metrics by capability. Additional tabs may be added to the SRDR to accommodate the agile size metrics.

Frequently Asked Questions

- Why does the SRDR request data at the CSCI level?
  - The CSCI-level is the level at which Software Requirements are verified through testing (SRS Testing), which is by definition the development of software. Releases for every increment, CSCIs for every distinct SRS, test cases and plans for every unique SRS, completed and verified software requirements through testing. There are other activities that are added on that are more system than software (DT&E, SIL testing, etc.) but the goal of any software development is verified requirements through quality testing which is by definition, CSCI level.

- How are Estimates at Complete (EACs) different from Actuals in the SRDR?
  - Estimates at Complete are a prediction of the effort required to complete a specific task and the actuals represent the actual effort accomplished to-date for a task.
  - The SRDR requires that the contractor report EACs when the report has been submitted before 100% of the work is complete

- What below the line elements to put on SRDR?
  - Software Program Management, Software Systems Engineering, Systems, Test and Evaluation, etc.
  - Note: These elements may appear as children underneath any element where separate reporting of those elements by subsystem is applicable.

Back up

Watch List Items

- When an SRDR is placed on contract after contract award, what is the definition of the existing baseline?
  - There is confusion if the contractor has to go back and report from Initial Operating Capability (IOC) or to start when reporting starts.

- If the contractor lists agile development as the software "development process", the contractor should define the agile development method, e.g., XP, Scrum, etc. in the "Software Development Method(s)" field.

- If the contractor is using an agile development process and the government has requested a mapping between capabilities and CSCIs, the government may request that the contractor add tabs in the SRDR forms for the delivery of the information.

Standard Plan Submission Events w/ new SRDR DID

Development

14. CSDR SUBMISSION EVENTS

a. EVENT ID	b. DATA REPORT(S)	c. SUBMISSION EVENT NAME	d. REPORT CYCLE	e. AS OF DATE (YYYYMMDD)	f. DUE DATE (YYYYMMDD)
1	Cost and Hour Report (FlexFile), Quantity Data Report	Contract Award (plus 12 months)	Initial		
2	Technical Data Report	Contract Award (plus 12 months)	Initial		
3	SRDR Development	Contract Award (plus 12 months - Total Contract Estimate)	Initial		
4	SRDR Development	Start of each Software Release	Initial		
5	Cost and Hour Report (FlexFile), Quantity Data Report	Start of each Software Release (Coincident with SRDR Initial)	Interim		
6	SRDR Development	End of each Software Release	Final		
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8	Cost and Hour Report (FlexFile), Quantity Data Report	System Requirements Review (SRR)	Interim		
9	Technical Data Report	System Requirements Review (SRR)	Interim		
10	SRDR Development	System Requirements Review (SRR) Software Interim	Interim		
11	Cost and Hour Report (FlexFile), Quantity Data Report	Preliminary Design Review (PDR)	Interim		
12	Technical Data Report	Preliminary Design Review (PDR)	Interim		
13	SRDR Development	Preliminary Design Review (PDR) Software Interim	Interim		
14	Cost and Hour Report (FlexFile), Quantity Data Report	Critical Design Review (CDR)	Interim		
15	Technical Data Report	Critical Design Review (CDR)	Interim		
16	SRDR Development	Critical Design Review (CDR) Software Interim	Interim		
17	Cost and Hour Report (FlexFile), Quantity Data Report	Annual Report 1...n	Interim		
18	Technical Data Report	Annual Report 1...n	Interim		
19	SRDR Development	Annual Report 1...n Software Interim	Interim		
20	Cost and Hour Report (FlexFile), Quantity Data Report	First Production Representative Unit Delivered	Final		
21	Technical Data Report	First Production Representative Unit Delivered	Final		
22	Cost and Hour Report (FlexFile), Quantity Data Report	Contract Completion (60 days from completion)	Final		
23	Technical Data Report	Contract Completion (60 days from completion - Total Contract Actuals)	Final		
24	SRDR Development	Contract Completion (60 days from completion - Total Contract Actuals)	Final		
25	SRDR Development	Optional	Interim		
26	Cost and Hour Report (FlexFile), Quantity Data Report	Optional	Interim		

Production

14. CSDR SUBMISSION EVENTS

a.	b. DATA REPORT(S)	c. SUBMISSION EVENT NAME	d. REPORT CYCLE	e. AS OF DATE (YYYYMMDD)	f. DUE DATE (YYYYMMDD)
1	...ur Report (FlexFile), Quantity Data Report	Contract Award (plus 12 months)	Initial		
2	SRDR Maintenance	Contract Award (plus 12 months - Total Contract Estimate)	Initial		
3	Technical Data Report	Contract Award (plus 12 months)	Initial		
4	Cost and Hour Report (FlexFile), Quantity Data Report	Annual Report 1...n (FlexFile coincident with SRDR)	Interim		
5	SRDR Maintenance	Annual FYxx Report 1...n	Interim		
6	Technical Data Report	Annual FYxx Report 1...n	Interim		
7	Cost and Hour Report (FlexFile), Quantity Data Report	Contract Completion	Final		
8	SRDR Maintenance	Contract Completion (Total Contract Actuals)	Final		
9	Technical Data Report	Contract Completion	Final		

Remove Software Maintenance submissions if not applicable.

Sustainment

14. CSDR SUBMISSION EVENTS

a. EVENT ID	b. DATA REPORT(S)	c. SUBMISSION EVENT NAME	d. REPORT CYCLE	e. AS OF DATE (YYYYMMDD)	f. DUE DATE (YYYYMMDD)
1	Cost and Hour Report (FlexFile), Quantity Data Report	Contract Award (plus 12 months)	Initial		
2	SRDR Maintenance	Contract Award (plus 12 months - Total Contract Estimate)	Initial		
3	Maintenance and Repair Parts Data Report	Contract Award (plus 12 months)	Interim		
4	Technical Data Report	Contract Award (plus 12 months)	Interim		
5	Cost and Hour Report (FlexFile), Quantity Data Report	Annual Report - Year 1...n (contract award +12 mo)	Interim		
6	SRDR Maintenance	Annual Report - Year 1...n (contract award +12 mo)	Interim		
7	Maintenance and Repair Parts Data Report	Annual Report - Year 1...n (contract award +12 mo)	Interim		
8	Technical Data Report	Annual Report - Year 1...n (contract award +12 mo)	Interim		
9	SRDR Maintenance	Contract Completion	Final		
10	Cost and Hour Report (FlexFile), Quantity Data Report	Contract Completion	Final		
11	Maintenance and Repair Parts Data Report	Contract Completion	Final		
12	Technical Data Report	Contract Completion	Final		

Reporting Structure Norms – Exhibit 4 of 6: Other Reporting

SRDR Release Alignment

11. WBS ELEMENT CODE		12. WBS REPORTING ELEMENTS	13. REPORTS REQUIRED (X if applicable)						DD 1921-3 (CBDR): ☐
a. PROGRAM/ CONTRACT/ SUBCONTRACT	b. CONTRACT/ SUBCONTRACT		a. CWBS DICTIONARY	b. DD 1921 (CDSR)		c. DD 1921-1 (FCHR)	d. DD 1921-2 (PCR)	e. DD 1921-5 (SFCHR)	f. SRDR FORMATS
				To Date	Estimate At Completion				
1.0	1.0	Missile System	X	X	X	X			
1.1	1.1	Air Vehicle	X	X	X	X	X		
1.1.1	1.1.1	Airframe	X	X	X	X	X		
1.1.1.1	1.1.1.1	Airframe Integration, Assembly, Test and Checkout	X	X	X				
1.1.1.2	1.1.1.2	Primary Structure	X	X	X				
1.1.1.3	1.1.1.3	Secondary Structure	X	X	X				
1.1.1.4	1.1.1.4	Aero-Structures	X	X	X				
1.1.1.5	1.1.1.5	Other Airframe Components 1…n (Specify)	X	X	X				
1.1.2	1.1.2	Propulsion	X	X	X	X	X		
1.1.2.1	1.1.2.1	Propulsion Integration, Assembly, Test and Checkout	X	X	X				
1.1.2.2	1.1.2.2	Motor/Engine	X	X	X				
1.1.2.3	1.1.2.3	Thrust Vector Actuation	X	X	X				
1.1.2.4	1.1.2.4	Attitude Control System	X	X	X				
1.1.2.5	1.1.2.5	Fuel/Oxidizer Liquid Management	X	X	X				
1.1.2.7	1.1.2.7	Flight Termination/Mission Termination	X	X	X				
1.1.2.6	1.1.2.6	Arm/Fire Device	X	X	X				
1.1.2.8	1.1.2.8	Propulsion Software Release 1…n	X	X	X	X			X
1.1.2.8.1	1.1.2.8.1	Propulsion Software Release 1…n CSCI 1…n	X	X		X			X
1.1.2.9	1.1.2.9	Other Propulsion Subsystems 1…n (Specify)	X	X	X				
1.1.3	1.1.3	Power and Distribution	X	X	X	X	X		
1.1.3.1	1.1.3.1	Power and Distribution Integration, Assembly, Test and Checkout	X	X	X				

CSDR Dev Standard Plans:
Reporting at CSCI level,
SRDR ties to 1921 & 1921-1

CSDR Standard Plans call for Software Release and CSCI reporting ONLY during Development