

UNCLASSIFIED

Attachment 0023 (SOWC-4147)

DRAFT
TDP1
19 Mar 2014

Distribution Statement A – Approved for Public Release; distribution unlimited

UNCLASSIFIED

MIL-STD-31000A

TDP OPTION SELECTION WORKSHEET			
SYSTEM:		DATE PREPARED:	
A. CONTRACT NO.	B. EXHIBIT / ATTACHMENT NO.	C. CLIN	D. CDRL DATA ITEM NO(s)
1. TDP LIFECYCLE LEVEL (CHOOSE ONLY ONE PER WORKSHEET) Note: The level selected must coincide with the requirements of the elements selected in Block 5.			
A. <input type="checkbox"/> CONCEPTUAL LEVEL <input type="checkbox"/> DEVELOPMENTAL LEVEL <input checked="" type="checkbox"/> PRODUCTION LEVEL		B. REMARKS:	
2. DELIVERABLE DATA PRODUCTS (X ALL THAT APPLY AND COMPLETE AS APPLICABLE)			
TYPE		FORMAT	
A. <input checked="" type="checkbox"/> 2D DRAWINGS		<input type="checkbox"/> NATIVE CAD <input checked="" type="checkbox"/> ISO 32000 PDF <input type="checkbox"/> HARD COPY <input type="checkbox"/> OTHER FORMAT (SPECIFY) _____	
B. 3D MODELS: <input type="checkbox"/> 3D Digital MODELS ONLY <input checked="" type="checkbox"/> 3D Digital MODELS WITH ASSOCIATED 2D DRAWINGS		<input checked="" type="checkbox"/> NATIVE CAD (Specify level of annotation) <u>SEE MODELING STANDARD</u> <input type="checkbox"/> MODEL ORGANIZATION SCHEMA (Specify Appendix B or other) _____ <input type="checkbox"/> NEUTRAL FORMAT (SPECIFY, e.g., ISO 10303 APxxx) _____ <input type="checkbox"/> OTHER FORMAT (SPECIFY, E.G., 3D PDF, JT) _____	
C. <input type="checkbox"/> METADATA (Specify in Section 9)		<input type="checkbox"/> ASCII TEXT- PIPE DELIMITED <input type="checkbox"/> ISO 10303 (SPECIFY, e.g., APxxx & DEX) _____ <input type="checkbox"/> JEDMICS (DLF) <input type="checkbox"/> OTHER FORMAT (SPECIFY) _____	
D. <input checked="" type="checkbox"/> ASSOCIATED LISTS (See Sect 7)		<input checked="" type="checkbox"/> NATIVE FORMAT <input checked="" type="checkbox"/> ISO 32000 PDF <input type="checkbox"/> HARDCOPY <input type="checkbox"/> OTHER FORMAT (SPECIFY) _____	
E. SUPPLEMENTAL <input type="checkbox"/> TECHNICAL DATA (Specify in Section 9)		NATIVE _____ NEUTRAL (SPECIFY e.g., STEP AP238, 240, DEX, Other) _____ OTHER (SPECIFY e.g., PDF) _____	
3. CAGE CODE & DOCUMENT NUMBERS		A. <input type="checkbox"/> CONTRACTOR CAGE & DOCUMENT NUMBERS <input checked="" type="checkbox"/> GOVERNMENT CAGE (COMPLETE 3B, 3C and 3D)	
B. USE CAGE CODE: 19207		C. USE DOCUMENT NUMBERS: AS PROVIDED BY GOVERNMENT	D. TO BE ASSIGNED BY: JPO-JLTV
4. DRAWING FORMATS (X ONE AND COMPLETE AS APPLICABLE)			
<input type="checkbox"/> CONTRACTOR FORMAT		<input checked="" type="checkbox"/> GOVERNMENT FORMAT	
REMARKS: <u>DRAWING SIZE/SHEETS IAW ASME Y14.1. DRAWING FORMATS & TEMPLATES PROVIDED BY GOVERNMENT.</u>			
5. TDP ELEMENTS AND ASSOCIATED DATA REQUIRED (X ALL THAT APPLY)			
<input type="checkbox"/> CONCEPTUAL DESIGN DRAWINGS / MODELS <input type="checkbox"/> DEVELOPMENTAL DESIGN DRAWINGS / MODELS AND ASSOCIATED LISTS <input checked="" type="checkbox"/> PRODUCT DRAWINGS / MODELS AND ASSOCIATED LISTS <input checked="" type="checkbox"/> SPECIAL INSPECTION EQUIPMENT (SIE) DRAWINGS, MODELS AND ASSOCIATED LISTS <input checked="" type="checkbox"/> SPECIAL TOOLING (ST) DRAWINGS, MODELS AND ASSOCIATED LISTS <input checked="" type="checkbox"/> SPECIAL PACKAGING INSTRUCTIONS (SPI) DRAWINGS, MODELS AND ASSOCIATED LISTS <input type="checkbox"/> SPECIFICATIONS AND/OR STANDARDS (SPECIFY) _____ <input checked="" type="checkbox"/> SOFTWARE DOCUMENTATION (SPECIFY) <u>SEE SCOPE OF WORK FOR DETAILED REQUIREMENTS</u> <input checked="" type="checkbox"/> QUALITY ASSURANCE PROVISIONS (QAP) (SPECIFY) _____ <input type="checkbox"/> METADATA (SPECIFY) _____ <input type="checkbox"/> SUPPLEMENTARY TECHNICAL DATA (SPECIFY) _____			

FOR DETAILED REQUIREMENTS

FIGURE 2: TDP Option Selection Worksheet

MIL-STD-31000A

6. TDP DATA MANAGEMENT PRODUCTS			
<input checked="" type="checkbox"/> SOURCE CONTROL DRAWING (SOCD) APPROVAL REQUEST			
<input checked="" type="checkbox"/> DRAWING NUMBER ASSIGNMENT REPORT			
<input type="checkbox"/> PROPOSED CRITICAL MANUFACTURING PROCESS DESCRIPTION			
7. ASSOCIATED LISTS (X AND COMPLETE AS APPLICABLE)			
A. PARTS LISTS (X ONE)	<input checked="" type="checkbox"/> (1) INTEGRAL	<input type="checkbox"/> (2) SEPARATE	<input type="checkbox"/> (3) CONTRACTOR SELECT
B. DATA LISTS	<input type="checkbox"/> REQUIRED (Specify Levels of Assy) _____		
C. INDEX LISTS	<input type="checkbox"/> REQUIRED (Specify Levels of Assy) _____		
D. WIRING LISTS	<input checked="" type="checkbox"/> REQUIRED (Specify Levels of Assy) _____		
E. APPLICATION LISTS	<input checked="" type="checkbox"/> (1) INTEGRAL	<input type="checkbox"/> (2) SEPARATE	<input type="checkbox"/> (3) CONTRACTOR SELECT
F. OTHER	<input type="checkbox"/> REQUIRED (Specify) _____		
8. APPLICABILITY OF STANDARDS. THE FOLLOWING STANDARDS APPLY: (X AS APPLICABLE)			
<input checked="" type="checkbox"/> ASME Y14.100 ENGINEERING DRAWING PRACTICES WITH APPENDICES: <input checked="" type="checkbox"/> B <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> D <input checked="" type="checkbox"/> E	<input checked="" type="checkbox"/> ASME Y14.24 TYPES AND APPLICATIONS OF ENGINEERING DRAWINGS <input checked="" type="checkbox"/> ASME Y14.34 ASSOCIATED LIST <input checked="" type="checkbox"/> ASME Y14.35M REVISION OF ENGINEERING DRAWINGS AND ASSOCIATED LIST <input checked="" type="checkbox"/> ASME Y14.41 DIGITAL PRODUCT DEFINITION DATA PRACTICES <input checked="" type="checkbox"/> ASME Y14.5 DIMENSIONING AND TOLERANCING	<input type="checkbox"/> OTHER STANDARDS APPLY AS DESCRIBED: COMPANY STANDARDS PERMITTED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
9. OTHER TAILORING (ATTACH ADDITIONAL SHEETS AS NECESSARY)			
SEE ATTACHED SHEET FOR TAILORING. SEE ALSO DEFINED MODELING STANDARD FOR DETAILED REQUIREMENTS.			

FIGURE 2: TDP Option Selection Worksheet (cont.)

TDP OPTION SELECTION WORKSHEET BLOCK 9 TAILORING

1. **APPLICATION DATA.** Application data is required on all drawings. General use or multi-use notations are allowed. Examples: JLTV GP, JLTV HGC, JLTV CCWC, JLTV UTL, etc.
2. **DRAWING DETAIL.** Multi-detail is encouraged for inseparable assemblies. Mono-detail and tabulated drawings are permitted.
3. **DIMENSIONING AND TOLERANCING.** Dimensioning and tolerancing shall be IAW ASME Y14.5, latest revision, for new drawings and indicated in Drawing Note 1. Metric and decimal values are permitted. Dual dimensioning is not permitted on a single drawing without Government approval.
4. **DRAWING NOTES.** Drawing notes shall be on the top left corner of the drawing, beginning with Note 1 at the top and proceeding down the page in numerical order.
5. **MULTI SHEET DRAWING REVISIONS.** Multi-sheet drawings are revised with the revision letter applying to the complete document rather than the individual sheet. All sheets of a multi-sheet document contain the same revision letter and are affected as each revision advances. Models shall contain the same revision letter as the drawing.
6. **REDRAWN DRAWINGS.** Redrawn drawings require Government Approval and are advanced one revision level.
7. **REVISION HISTORY.** Maintain revision history in its entirety in accordance with ASME Y14.35.
8. **ADDING SHEETS.** Adding sheets will be performed in accordance with ASME Y14.35.
9. **DELETING SHEETS.** Deleting sheets will be performed in accordance with ASME Y14.35.
10. **MARKINGS ON ENGINEERING DRAWINGS.** For special items/processes apply notations using approved symbols and special notes (i.e. hexagon (hex) symbol and corresponding hex note).
11. **ASSOCIATED LISTS.** Separate part lists are not permitted. Parts lists shall be integral to the drawing. Lists are not required to be in tabular format. Find number parts lists are permitted and preferred.
12. **ANGLE OF PROJECTION.** All drawings shall use third angle projection unless otherwise approved by the Government. If approval is given, the angle of projection shall be noted in the title block.
13. **DISTRIBUTION STATEMENT.** The proper Distribution Statement shall be applied to the drawing. Selection of the proper Distribution Statement is subject to Government approval.
14. **MATERIAL.** The part material(s) shall be defined in a note on each drawing and shall utilize applicable military or industry specifications and standards.

UNCLASSIFIED

MIL-STD-31000A

TDP OPTION SELECTION WORKSHEET COMMERCIAL DRAWINGS/MODELS AND ASSOCIATED LISTS			
SYSTEM:		DATE PREPARED:	
A. CONTRACT NO.	B. EXHIBIT / ATTACHMENT NO.	C. CLIN	D. CDRL DATA ITEM NO(s)
1. DELIVERABLE DATA PRODUCTS (X ALL THAT APPLY AND COMPLETE AS APPLICABLE)			
TYPE	FORMAT		
A. <input checked="" type="checkbox"/> 2D DRAWINGS	<input checked="" type="checkbox"/> NATIVE CAD <input checked="" type="checkbox"/> ISO 32000 PDF <input type="checkbox"/> HARDCOPY <input type="checkbox"/> OTHER FORMAT (SPECIFY) _____		
B. 3D DIGITAL MODELS: <input type="checkbox"/> 3D DIGITAL MODELS ONLY <input checked="" type="checkbox"/> 3D DIGITAL MODELS W/ ASSOCIATED 2D DRAWINGS	<input checked="" type="checkbox"/> NATIVE CAD <input type="checkbox"/> NEUTRAL FORMAT (SPECIFY, e.g., ISO10303, APxxx) _____ <input type="checkbox"/> OTHER FORMAT (SPECIFY) _____		
C. <input type="checkbox"/> METADATA (Specify in Section 2)	<input type="checkbox"/> ASCII TEXT- PIPE DELIMITED <input type="checkbox"/> JEDMICS (DLF)	<input type="checkbox"/> ISO 10303 STEP (SPECIFY, e.g. APxxx, DEX) _____ <input type="checkbox"/> OTHER FORMAT (SPECIFY) _____	
D. <input type="checkbox"/> ASSOCIATED LISTS	<input type="checkbox"/> NATIVE FORMAT <input type="checkbox"/> ISO 32000 PDF <input type="checkbox"/> HARDCOPY <input type="checkbox"/> OTHER FORMAT (SPECIFY) _____		
2. OTHER TAILORING (ATTACH ADDITIONAL SHEETS AS NECESSARY)			
<p>IF NATIVE CAD IS IN A FORMAT OTHER THAN THE APPROVED CREO FORMAT, THEN THE NEUTRAL FILE SHALL BE IMPORTED INTO THE CREO PARAMETRIC START PART TO MAINTAIN ALL APPROPRIATE ATTRIBUTES. FOR ADDITIONAL REQUIREMENTS SEE THE SPECIFIED MODELING STANDARD.</p>			

FIGURE 3: TDP Option Selection Worksheet – Commercial Drawing/Models and Associated Lists