OMB Control Number: Expiration Date: --/--/--

DEFENSE INDUSTRIAL BASE ASSESSMENT: Nonrecurring Cost Metrics Survey



RESPONSE TO THIS SURVEY IS REQUIRED BY LAW

A response to this survey is required by law (50 U.S.C. app. Sec. 2155). Failure to respond can result in a maximum fine of \$10,000, imprisonment of up to one year, or both. Information furnished herewith is deemed confidential and will not be published or disclosed except in accordance with Section 705 of the Defense Production Act of 1950, as amended (50 U.S.C App. Sec. 2155). Section 705 prohibits the publication or disclosure of this information unless the President determines that its withholding is contrary to the national defense. Information will not be shared with any nongovernment entity, other than in aggregate form. The information will be protected pursuant to the appropriate exemptions from disclosure under the Freedom of Information Act (FOIA), should it be the subject of a FOIA request.

Not withstanding any other provision of law, no person is required to respond to nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number.

BURDEN ESTIMATE AND REQUEST FOR COMMENT

Public reporting burden for this collection of information is estimated to average 15 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 this burden estimate or any other aspect of this collection of information to BIS Information Collection Officer, Room 6883, Bureau of Industry and Security, U.S. Department of Commerce, Washington, D.C. 20230, and to the Office of Management and Budget, Paperwork Reduction Project (OMB Control No. 0694-0119), Washington, D.C. 20503.

BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act

| Section I |
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Scope of the Assessmen

With the success and universal acceptance of the DMEA Nonrecurring Cost Metrics for Diminishing Manufacturing Sources and Material Shortages (DMSMS) Resolutions originally published in 1999, DMEA is interested in updating the metrics with more current data. There have been so many changes in technology and production processes since then, that the metrics are in need of reflecting the current costs associated with these changes. In addition, there has been significant refinement of the resolution categories that also need to be included in the update.

DMEA is asking that your organization participate in a survey to update the cost metrics. The attached spreadsheet contains several tabbed sheets. Each sheet relates to a commonly used resolution. After you complete and submit the survey, it will be combined with other organizations' submittals and used to establish a consensus of what the new metrics should include and how we will proceed in developing the new cost.

Your company/organization must report the resolution costs for all DMSMS redesigns for 2006-2008 and the average cost for all other resolutions during that time. Some organizations may not have a formal DMSMS program and we recognize that this survey is not limited to DMSMS resolutions. Your company/organization may not call them DMSMS resolutions, therefore any of the following are example items triggered by an obsolete, hard-to-find, or no-bids are applicable:

Engineering change proposals

Non-standard part requests

Substitute part requests

Alternate part drawing or bill of material updates

Request for technical assistance to qualify alternate part

Supply Item Change Requests

Time Compliance Technical Orders

No-bid logistics and engineering requests

DLA request for engineering (339) for alternate, replacement, or substitute parts

Research conducted to source obsolete parts

The costs associated with the above items should be reported.

Your participation is critical to ensuring that the legacy of these useful cost factors is maintained and that they continue to be the "gold standard" in DMSMS cost analysis.

BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act

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| Sec | tion IV General Instructions |
|------------|---|
| А. | Your company is required to complete this survey using an Excel template, which can be downloaded from the BIS website. At your request, BIS staff will e-mail the Excel survey template directly to your company. For your convenience, a PDF version of the survey is available on the BIS website to aid internal data collection. PLEASE DO NOT submit the PDF version of your company's response to BIS. |
| В. | For the purposes of this survey, all incidents should be reported based on the calendar year. |
| | Questions related to this questionnaire should be directed to: |
| | Christopher Nelson, Trade and Industry Analyst, cnelson@bis.doc.gov, (202) 482-4727 |
| C. | Teresa Telesco, Trade and Industry Analyst, ttelesco@bis.doc.gov, (202) 482-4959 |
| | For information on OTE's defense industrial base surveys, please contact: |
| | Brad Botwin, Director, Industrial Studies, at bbotwin@bis.doc.gov or (202) 482-4060 |
| D. | Upon completion, review and certification of the survey, transmit the survey via e-mail to DMSMS_Study@bis.doc.gov. |
| | For letter correspondence to the Office of Technology Evaluation (OTE), please write to: |
| | Dred Detuin, Director, Industrial Studies |
| | Brad Botwin, Director, Industrial Studies Office of Technology Evaluation, Room 1093 |
| E. | U.S. Department of Commerce |
| - . | 1401 Constitution Avenue, NW |
| | Washington, DC 20230 |
| | Please do not submit completed surveys to this address; all surveys must be submitted electronically. |
| | BUSINESS CONFIDENTIAL - Per Section 705(d) of the Defense Production Act |

| Section 1.a | Company/Or | ganization Information | | |
|--|-------------------------|---------------------------|------------------|----------------|
| Company/Organization Name | | | | |
| Street Address | | | | |
| City | | | | |
| State | | | | |
| Zip Code | | | | |
| Website | | | | |
| Phone Number | | | | |
| Fax Number | | | | |
| Primary point(s) of contact regarding th | is survey's completion. | | | |
| Name(s) | Title | Phone Number | State | E-mail Address |
| | | | | |
| | | | | |
| Comments: | | | | |
| BUSINESS C | ONFIDENTIAL - Per S | ection 705(d) of the Defe | nse Production / | Act |

| Sec | tion | | |
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| | Indic | cate the system and the type of system your cor | |
| Α. | | Type of System | System |
| | | | |
| | | the platform(s) and platform type(s) that this sys | stem is included in. You may include multiple |
| | plat | orms per platform type. | |
| | | Type of Platform | Platform(s) |
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| | 2. 3. | | |
| В. | 4. | | |
| | 5. | | |
| | 6. | | |
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| | 8. | | |
| | 9. | | |
| | 10. | | |
| Сс | omme | ents: | |
| | | BUSINESS CONFIDENTIAL - Per Section 70 | 05(d) of the Defense Production Act |

| Section 1.c | Number of Resolutions | | |
|--|-----------------------------------|---------------------|--------|
| For 2006 2008 indicate how m | very recolution incidents were | 2006 | |
| or 2006-2008, indicate how many resolution incidents were erformed for the system included in this survey: | | 2007 | |
| performed for the system inclu | ded in this survey. | 2008 | |
| Be sure | to review the 'Scope of the Asses | sment' page to ensu | re you |
| | are accurately accounting for all | relevant incidents. | |
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| Comments: | | | |
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| Sec | tion 2 | | Re | clamation | | | | | |
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| | Definition: | Reclamation takes or potential excess (DRMS) for disposa | position. This assur | | | | | | |
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| | | Refurbishment | | | | | | | |
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| | Other cost (specify) | | | | | | | | |
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| | Provide average addit | ional cost elements | that pertain to a pa | rticular platform, if applicable. 2006 | | 2007 | | 2008 | |
| | Description of Cost | Platform Type | Platform(s) | | | | • • | | |
| | | | | Average Cost | # of Incidents | Average Cost | # of incidents | Average Cost | # of Incidents |
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| C. | Indicate the average of | luration time for reso | olution (in weeks): | | | | | | |
| | Comments: | | | | | | | | |
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| tion 3 | | Alt | ernate | | | | | |
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Provide the average cost and number of incidents common to all platforms for the following cost elements, if applicable. 2006 2007 |

| Sec | tion 4.a | | Existing Su | bstitute - Admi | nistrative | | | | |
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| | Definition: | Existing substitute it be further broken do changes only (i.e., o | own to (from lower a | anticipated cost | | | | | |
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| Sec | tion 4.b | | Existing Su | bstitute - Desk | top | | | | |
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| | Definition: | Existing substitute it be further broken do evaluation of technic | tems may perform f own to (from lower a | ully (in terms of anticipated cost | form, fit, and fu to higher anticip | pated cost). A | lesktop substi | tute involves er | |
| | Provide the average of | ost and number of in | cidents common t | | | | | | |
| | | | | | 06 | | 07 | | 08 |
| | | | | Average Cost | # of Incidents | Average Cost | # of Incidents | Average Cost | # of Incidents |
| | Engineering Evaluation Technical Data Package Update | | | | | | | | |
| А. | Other cost (specify) | lai Dala Fackage Op | uale | | | | | | |
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| C. | Indicate the average of | duration time for reso | lution (in weeks): | | | | | | |
| | Comments: | | | - | | - | | - | |
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| Sec | tion 4.c | | | bstitute - Norm | | | | | | |
|-----|-------------------------|------------------------|----------------------|--|-------------------|-----------------|------------------|--------------|----------------|--|
| | | | | fully (in terms of form, fit, and function) in place of the DMSMS item. Substitute items may | | | | | | |
| | Definition: | | | anticipated cost to higher anticipated cost). A normal substitute involves validating a | | | | | | |
| | | known part candida | te that requires eng | ineering investig | gation, testing a | and update of T | DP. | | | |
| | Provide the average c | ost and number of ir | ncidents common t | o all platforms | for the followin | g cost elements | , if applicable. | | | |
| | | | | | 006 | | 007 | | 800 | |
| | | | | Average Cost | # of Incidents | Average Cost | # of Incidents | Average Cost | # of Incidents | |
| | En | gineering Evaluation | 1 | | | | | | | |
| | | Testing | | | | | | | | |
| А. | | cal Data Package Up | odate | | | | | L | | |
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| | Indianta tha average a | duration time for room | lution (in wooko) | | | | • | | | |
| C. | Indicate the average of | Juration time for resc | nution (in weeks). | | | | | | | |
| | Comments: | | | | | | | | | |
| | Comments. | | | | | | | | | |
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| Sec | tion 4.d | | Existing Su | bstitute - Com | plex | | | | | |
|-----|------------------------|--|-----------------------|------------------------------------|-------------------|-----------------|------------------|--------------|--------------------------|--|
| | Definition: | Existing substitute items may perform fully (in terms of form, fit, and function) in place of the DMSMS item. Substitute items may be further broken down to (from lower anticipated cost to higher anticipated cost). A complex substitute involves selecting and validating a new part candidate that requires engineering investigation, F3I part testing, system testing, QCI testing, and update of TDP. | | | | | | | | |
| | Provide the average c | ost and number of in | cidents common to | o all platforms | for the following | g cost elements | , if applicable. | | | |
| | | | | | 006 | ĭ | 07 | 2008 | | |
| | | Average Cost | # of Incidents | Average Cost | # of Incidents | Average Cost | # of Incidents | | | |
| | En | gineering Evaluation | | | | | | | | |
| | | F3I Part Testing | | | | | | | | |
| | | Screening System Testing | | | | | | | | |
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| Α. | | formance Inspection | | | | | | | | |
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| | Provide average addit | ional cost elements t | that pertain to a pai | articular platform, if applicable. | | . 2007 | | | | |
| | Description of Cost | Platform Type | Platform(s) | | 06 | | | |)08 // sf la side sta | |
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| C. | Indicate the average d | luration time for reso | lution (in weeks): | | | | | | | |
| | Comments: | | | | | | | | | |
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| Sec | tion 5 | | Afte | ermarket | | | | | |
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| | | Aftermarket manufa | | | | | | | |
| | Definition: | and process rights | | | | | | | |
| | | production in the fu | | - | | - | - | oduce the part. | |
| | Provide the average of | ost and number of ir | ncidents common t | o all platforms for the following | | g cost elements | , if applicable. | | |
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| | | Testing | | | | | | | |
| Α. | | cal Data Package Up | odate | | | | | | |
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| | Other cost (specify) | | | | | | | | |
| | Other cost (specify) | | | | | | | | |
| | Other cost (specify) | | | | | | | | |
| | Other cost (specify) | | T .(.) | <u>^</u> | | ^ | | | |
| | Tota Provide average additional cost elements that pertain to a pa | | | | 0 | \$- | 0 | \$- | 0 |
| | Provide average addit | ional cost elements | that pertain to a pa | 2006 | | 2007 | | 2008 | |
| | Description of Cost | Platform Type | Platform(s) | | | | | | |
| | - | | | Average Cost | # of incidents | Average Cost | # of incidents | Average Cost | # of incidents |
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| C. | C. Indicate the average duration time for resolution (in weeks): | | | | | | | | |
| | Comments: | | | | | | | | |
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| Sec | tion 6 | | Emu | ulation | | | | | |
|-----|------------------------|--------------------------------|----------------------|------------------------------------|-------------------|-------------------------|------------------|------------------|----------------|
| | | Emulation is a man | | | | | | | |
| | Definition: | materiel. Through m | | | | | | is can be replac | ed with state- |
| | | | ~ | | | and supplied on demand. | | | |
| | Provide the average co | ost and number of in | cidents common t | to all platforms for the following | | g cost elements | , if applicable. | | |
| | | | | | 006 | | 07 | | 08 |
| | | | | Average Cost | # of Incidents | Average Cost | # of Incidents | Average Cost | # of Incidents |
| | Engi | neering Investigatior | าร | | | | | | |
| | | F3I Testing | | | | | | | |
| | | Screening | | | | | | | |
| | | System Testing | | | | | | | |
| Α. | | formance Inspection | | | | | | | |
| | | Technical Data Document Update | | | | | | | |
| | Other cost (specify) | | | | | | | | |
| | Other cost (specify) | | | | | | | | |
| | Other cost (specify) | | | | | | | | |
| | Other cost (specify) | | | | | | | | |
| | Other cost (specify) | | | | | | | | |
| | | | Total | \$- | 0 | \$- | 0 | \$- | 0 |
| | Provide average addit | ional cost elements t | that pertain to a pa | rticular platforr | n, if applicable. | | | | |
| | Description of Cost | Platform Type | Platform(s) | | 006 | | 07 | | 08 |
| | | талопп туре | Trationin(3) | Average Cost | # of Incidents | Average Cost | # of Incidents | Average Cost | # of Incidents |
| В. | | | | | | | | | |
| D. | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| C. | Indicate the average d | luration time for reso | lution (in weeks): | | | | | | |
| | Comments: | | | | | | | | |
| | | | | | | | | | |

| sect | tion 7.a | | design - Minor A | | | | | |
|------|------------------------|--|--------------------|------------|------------|------------|------------|------------|
| | Definition: | Redesign involves designing a DMSM discrete component to an existing CC | | | | | | |
| | | swer the following questions for your in edesigns of Minor Type A, contact: | | | | | | |
| | | | Incident 1 | Incident 2 | Incident 3 | Incident 4 | Incident 5 | Incident 6 |
| A. | | Platform Type | | | | | | |
| B. | | Platform(s) | | | | | | |
| C. | | Year | | | | | | |
| - | | Reliability | | | | | | |
| D. | Enhancement(s) | Maintainability | | | | | | |
| | . , | Performance | | | | | | |
| E. | Indicate percent of co | mponent re-use: | | | | | | |
| F. | Were software update | es required? | | | | | | |
| | Provide the cost for e | ach incident for the following cost eler | ments, if applicat | ole. | | | | |
| | Р | rogram Management | | | | | | |
| | S | Systems Engineering | | | | | | |
| | | Design Engineering | | | | | | |
| | Other Engineering | | | | | | | |
| | Software Costs | | | | | | | |
| | | CCA Testing | | | | | | |
| | E | nvironmental Testing | | | | | | |
| G. [| Sys | tem Qualification Tests | | | | | | |
| | Platform | Tests (e.g., flight tests, etc.) | | | | | | |
| | Technical Da | ata (documentation) Compilation | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | | Tota | al \$- | \$- | \$- | \$- | \$- | \$ |
| н. | Indicate the average | duration time for resolution (in weeks): | | | | | | |
| | Comments: | | | • | - | | | |

| | tion 7.b | Redesign involves designing a DMS | edesign - Minor I | | or Type B rode | | involvos a roll | avout of an |
|------------|---|--|-------------------|----------------|------------------|-------------------|------------------|---------------|
| | Definition: | existing CCA to accommodate a diffe | | | и туре в тече | sign specifically | involves a re-i | ayout of an |
| ne | cial Instructions: An | swer the following questions for your i | | | Be sure to indic | ate the annronr | iate year of the | resolution If |
| | | edesigns of Minor Type B, contact: | nurviduai resolu | tion mendents. | De sure to maio | | ate year of the | |
| ou | nave more than six it | edesigns of Minor Type D, contact. | Incident 1 | Incident 2 | Incident 3 | Incident 4 | Incident 5 | Incident 6 |
| A. | | Platform Type | | | Incluent 3 | | Incluent 5 | |
| ¬. В. | | Platform(s) | | | | | | |
| Б. С. | | Year | | | | | | |
| 0. | | Reliability | | | | | | |
| D. | Enhancement(s) | Maintainability | _ | | | | | |
| <i>D</i> . | | Performance | | | | | | |
| F | Indicate percent of co | | | | | | | |
| | | | | | | | | |
| | Nere software updates required? Provide the cost for each incident for the following cost elem | | ments if applicat | | | | | |
| | | rogram Management | | | 1 | 1 | [| [|
| | | Systems Engineering | _ | | | | | |
| | | Design Engineering | _ | | | | | |
| | Other Engineering | | | | | | | |
| | Software Costs | | _ | | | | | |
| | | CCA Testing | _ | | | | | |
| | F | nvironmental Testing | | | | | | |
| G. | | tem Qualification Tests | _ | | | | | |
| U . | | Tests (e.g., flight tests, etc.) | | + | - | | | |
| | | ata (documentation) Compilation | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | | То | tal \$ | - \$ - | \$- | \$- | \$- | \$ |
| | | | | Ψ | Ψ - | Ψ - | Ψ - | Ψ |
| Н. | Indicate the average | duration time for resolution (in weeks): | | | | | | |
| | | 1 | | | | | | l |
| | Comments: | | | | | | | |

| | Definition: | Redesign involves designing a DMSI | | | | | v involves re-ma | inufacturing a |
|-----|--|--|--------------------|-----------------|------------------|-----------------|------------------|----------------|
| | | exact F3I replacement card using the | | | | | | |
| | | swer the following questions for your in | ndividual resolut | tion incidents. | Be sure to indic | ate the appropr | iate year of the | resolution. If |
| ou | have more than six R | edesigns of Minor Type C, contact: | | | | | | |
| | | | Incident 1 | Incident 2 | Incident 3 | Incident 4 | Incident 5 | Incident 6 |
| ۹. | | Platform Type | | | | | | |
| B. | | Platform(s) | | | | | | |
| C. | | Year | | | | | | |
| | | Reliability | | | | | | |
| D. | Enhancement(s) | Maintainability | | | | | | |
| | | Performance | | | | | | |
| | Indicate percent of co | | | | | | | |
| | Were software updates required? | | | | | | | |
| | Provide the cost for each incident for the following cost elen | | ments, if applicat | ole. | | | | |
| | | rogram Management | | | | | | |
| | S | Systems Engineering | | | | | | |
| | | Design Engineering | | | | | | |
| | Other Engineering | | | | | | | |
| | Software Costs | | | | | | | |
| | | CCA Testing | | | | | | |
| | E | nvironmental Testing | | | | | | |
| G. | Sys | tem Qualification Tests | | | | | | |
| | Platform | Tests (e.g., flight tests, etc.) | | | | | | |
| | Technical Da | ata (documentation) Compilation | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | | Tot | al \$- | \$- | \$- | \$- | \$- | \$ |
| | Indicate the average | duration time for resolution (in weeks): | | 1 | | | | |
| · · | indicate the average | | | | | | | |
| | Comments: | | | | | | | |

| | tion 7.d | Redesign involves designing a DMSMS | esign - Minor D Sitem out of the | | or Type D rede | sign specifically | / involves desig | n of a new |
|----|-------------------------|---|-------------------------------------|----------------|------------------|-------------------|-------------------|----------------|
| | Definition: | (replacement) F3I circuit card using sta | | | | | | |
| | | thus reducing the original component c | | | ianipio, donig a | | .p to b and a t o | |
| pe | cial Instructions: Ans | swer the following questions for your ind | | ion incidents. | Be sure to indic | ate the appropr | iate vear of the | resolution. If |
| | | edesigns of Minor Type D, contact: | | | | | | |
| | | | Incident 1 | Incident 2 | Incident 3 | Incident 4 | Incident 5 | Incident 6 |
| ۹. | | Platform Type | | | | | | |
| Β. | | Platform(s) | | | | | | |
| С. | | Year | | | | | | |
| - | | Reliability | | | | | | |
| D. | Enhancement(s) | Maintainability | | | | | | |
| | | Performance | | | | | | |
| E. | Indicate percent of co | mponent re-use: | | | | | | |
| | Were software update | | | | | | | |
| | Provide the cost for e | ach incident for the following cost elem | ents, if applicab | le. | • | 1 | P | |
| | | ogram Management | | | | | | |
| | | ystems Engineering | | | | | | |
| | | Design Engineering | | | | | | |
| | Other Engineering | | | | | | | |
| | Software Costs | | | | | | | |
| | | CCA Testing | | | | | | |
| | Er | nvironmental Testing | | | | | | |
| G. | | em Qualification Tests | | | | | | |
| | | Tests (e.g., flight tests, etc.) | | | | | | |
| | | ta (documentation) Compilation | | | | | | |
| | Other cost (specify) | | | l | | | | |
| | Other cost (specify) | | 1 | 1 | 1 | | | |
| | Other cost (specify) | | | l | | | | |
| | Other cost (specify) | | 1 | 1 | 1 | | | |
| | Other cost (specify) | | | | | | | |
| | | Total | \$- | \$- | \$- | \$- | \$- | \$ |
| ١. | Indicate the average of | duration time for resolution (in weeks): | | | | | | |
| | Comments: | | | 1 | | L | L | 1 |

| | | Redesign involves designing a DMS | MS item out of the | e svstem. A Mir | or Type E rede | sign specifically | involves desia | n of a new F3 |
|----|------------------------|--|--------------------|-----------------|----------------|-------------------|------------------|----------------|
| | Definition: | circuit card that could be used in mu | | | | eigii op comoany | | |
| pe | cial Instructions: An | swer the following questions for your | | | | ate the appropr | iate vear of the | resolution. If |
| | | edesigns of Minor Type E, contact: | | | | are the appropr | | |
| | | | Incident 1 | Incident 2 | Incident 3 | Incident 4 | Incident 5 | Incident 6 |
| A. | | Platform Type | | moldont 2 | indiadrit d | | moldorito | moldom |
| В. | | Platform(s) | _ | 1 | | | | |
| С. | | Year | _ | 1 | | | | |
| 5. | | Reliability | _ | 1 | | | | |
| D. | Enhancement(s) | Maintainability | | | | | | |
| | | Performance | _ | 1 | | | | |
| F | Indicate percent of co | | _ | 1 | | | | |
| | Were software update | | | | | | | |
| _ | | each incident for the following cost ele | ments if applicat | le | | | | |
| | | rogram Management | | | 1 | 1 | [| 1 |
| | | Systems Engineering | | | | | | |
| | | Design Engineering | | | | | | |
| | Other Engineering | | | | | | | |
| | Software Costs | | | | | | | |
| | | CCA Testing | | | | | | |
| | F | nvironmental Testing | | | | | | |
| G. | | tem Qualification Tests | | | | | | |
| - | | Tests (e.g., flight tests, etc.) | | | | | | |
| | | ata (documentation) Compilation | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | | To | tal \$ - | \$- | \$- | \$- | \$- | \$ |
| | | | | | | * | * | + |
| Н. | Indicate the average | duration time for resolution (in weeks): | | | | | | |
| | | | | | | | | 1 |
| | Comments: | | | | | | | |

| | tion 7.f | Redesign involves designing a DMSMS | sign - Major F [.] S item out of the | | jor Type F invol | ves redesign or | technology ref | reshment usi |
|----|-------------------------|--|--|----------------|-------------------------|-----------------|------------------|----------------|
| | Definition: | commercial off-the-shelf (COTS) technology | | | | | | |
| | | and architechtures. | | | · | 0 0 | | , |
| pe | cial Instructions: Ans | swer the following questions for your ind | ividual resolut | ion incidents. | Be sure to indic | ate the appropr | iate year of the | resolution. If |
| bu | have more than six Re | edesigns of Major Type F1, contact: | | | | | · | |
| | | | Incident 1 | Incident 2 | Incident 3 | Incident 4 | Incident 5 | Incident 6 |
| ١. | | Platform Type | | | | | | |
| З. | | Platform(s) | | | | | | |
| С. | | Year | | | | | | |
| | | Reliability | | | | | | |
| D. | Enhancement(s) | Maintainability | | | | | | |
| | | Performance | | | | | | |
| Ξ. | Indicate percent of co | mponent re-use: | | | | | | |
| | Were software update | | | | | | | 1 |
| | Provide the cost for e | ach incident for the following cost elem | ents, if applicab | le. | | • | • | |
| | | rogram Management | | | | | | T |
| | | ystems Engineering | | | | | | |
| | | Design Engineering | | | | | | 1 |
| | Other Engineering | | | | | | | |
| | Software Costs | | | | | | | |
| | | CCA Testing | | | | | | 1 |
| | Er | nvironmental Testing | | | | | | 1 |
| G. | | tem Qualification Tests | | | | | | |
| | | Tests (e.g., flight tests, etc.) | | | | | | |
| | | ta (documentation) Compilation | | | | | | 1 |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | 1 |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | 1 |
| | Other cost (specify) | | 1 | 1 | 1 | | | † |
| | | Total | \$ - | \$- | \$- | \$- | \$- | \$ |
| ۲. | Indicate the average of | duration time for resolution (in weeks): | + | ¥ | ¥ | * | · • | <u> </u> |
| | Comments: | | | 1 | 1 | 1 | 1 | <u> </u> |

| | tion 7.g | Redesign involves designing a DMSMS | e <mark>sign - Major F</mark> 5 item out of the | | jor Type F invol | ves redesign or | technology ref | eshment usi |
|-----|--------------------------------|---|--|----------------|-------------------------|-----------------|-------------------|----------------|
| | Definition: | commercial off-the-shelf (COTS) techn | ology. Type F2 | involves COTS | replacement th | at requires mod | lification to the | nost system |
| | | interfaces or architecture. | | | | | | |
| | | swer the following questions for your ind | ividual resolut | ion incidents. | Be sure to indic | ate the appropr | iate year of the | resolution. If |
| ่วน | have more than six Re | edesigns of Major Type F2, contact: | | | | | | |
| | | | Incident 1 | Incident 2 | Incident 3 | Incident 4 | Incident 5 | Incident 6 |
| ٩. | | Platform Type | | | | | | |
| 3. | | Platform(s) | | | | | | |
| С. | | Year | | | | | | |
| | | Reliability | | | | | | |
| D. | Enhancement(s) Maintainability | | | | | | | |
| | | Performance | | | | | | |
| | Indicate percent of co | | | | | | | |
| F. | Were software update | es required? | | | | | | |
| | Provide the cost for e | ach incident for the following cost elem | ents, if applicab | le. | | | | |
| | Pr | ogram Management | | | | | | |
| | S | ystems Engineering | | | | | | |
| | | Design Engineering | | | | | | |
| | Other Engineering | | | | | | | |
| | Software Costs | | | | | | | |
| | | CCA Testing | | | | | | |
| | Er | nvironmental Testing | | | | | | |
| G. | | em Qualification Tests | | | | | | |
| | | Tests (e.g., flight tests, etc.) | | | | | | |
| | | ta (documentation) Compilation | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | |
| | Other cost (specify) | | | | | | | · |
| | | Total | ¢ . | \$- | \$- | \$- | \$- | \$ |
| ١. | Indicate the average of | duration time for resolution (in weeks): | Ψ - | Ψ | Ψ | ΨΞ | ΨΞ | Ψ |
| | Comments: | | | 1 | | l | 1 | <u> </u> |

| | tion 8.a | | Other Resolutions | | | |
|-----|-------------------------------|-----------------|------------------------|-------------------|--------------|----------------|
| Spe | cify any other resolutions yo | our company/c | organization performed | d from 2006-2008. | | |
| | Description of Cost | Year | Platform Type | Platform(s) | Average Cost | # of Incidents |
| Α. | | | | | | |
| В. | Indicate the average duration | on time for res | solution (in weeks): | | | |
| | Comments: | | | | - | |
| | | | | | | |

| | tion 8.b | , | Other Resolutions | | | |
|------|-------------------------------|----------------------|------------------------|-------------|--------------|----------------|
| Spec | cify any other resolutions yo | | organization performed | | | |
| | Description of Cost | Year | Platform Type | Platform(s) | Average Cost | # of Incidents |
| Α. | | | | | | |
| В. | Indicate the average duration | solution (in weeks): | | | | |
| | Comments: | | | | | |
| | | | | | | |

| | tion 8.c | | Other Resolutions | | | |
|------|-------------------------------|-----------------|------------------------|-------------------|--------------|----------------|
| Spee | cify any other resolutions yo | our company/c | organization performed | d from 2006-2008. | | |
| _ | Description of Cost | Year | Platform Type | Platform(s) | Average Cost | # of Incidents |
| Α. | | | | | | |
| В. | Indicate the average duration | on time for res | solution (in weeks): | | | |
| | Comments: | | | | | |
| | | | | | | |

| Section 8.d | | | Other Resolutions (cont.) | | | | | |
|---|-------------------------------|-----------------|---------------------------|-------------|--------------|----------------|--|--|
| Specify any other resolutions your company/organization performed from 2006-2008. | | | | | | | | |
| | Description of Cost | Year | Platform Type | Platform(s) | Average Cost | # of Incidents | | |
| Α. | | | | | | | | |
| В. | Indicate the average duration | on time for res | | | | | | |
| Comments: | | | | | | | | |
| | | | | | | | | |

| 0 (| · 0 | | | | | | | |
|-----------|--|-----------------|----------------------|-------------|--------------|----------------|--|--|
| | Section 8.e Other Resolutions (cont.) Specify any other resolutions your company/organization performed from 2006-2008. | | | | | | | |
| | Description of Cost | Year | Platform Type | Platform(s) | Average Cost | # of Incidents | | |
| Α. | | | | | | | | |
| В. | Indicate the average duration | on time for res | solution (in weeks): | | | | | |
| Comments: | | | | | | | | |
| | | | | | | | | |

| Section 9 C | ertification | | | | | | |
|---|---|--|--|--|--|--|--|
| The undersigned certifies that the information herein supplied in response to this questionnaire is complete and correct to the best of | | | | | | | |
| his/her knowledge. It is a criminal offense to willfully ma | ake a false statement or representation to any department or agency of the United | | | | | | |
| States Government as to any matter within its jurisdiction (18 U.S.C.A. 1001 (1984 & SUPP. 1197)) | | | | | | | |
| Company/Organization Name | | | | | | | |
| Company's/Organization's Internet Address | | | | | | | |
| Name of Authorizing Official | | | | | | | |
| Title of Authorizing Official | | | | | | | |
| E-mail Address | | | | | | | |
| Phone Number and Extension | | | | | | | |
| Date Certified | | | | | | | |
| If POC is different from the above named, include belo | W: | | | | | | |
| Point of Contact Name | | | | | | | |
| Title of Point of Contact | | | | | | | |
| E-mail Address | | | | | | | |
| Phone Number and Extension | | | | | | | |
| Would you like a free copy of the final report? | | | | | | | |
| In the box below, please provide any additional comments or any other information you wish to include regarding your experience with | | | | | | | |
| counterfeit products or other related issues. | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| How many hours did it take to complete this survey? | | | | | | | |
| | | | | | | | |
| BUSINESS CONFIDENTIA | L - Per Section 705(d) of the Defense Production Act | | | | | | |