The following changes have been made to the Multi-Purpose Publishing DTD:

- The “response” attribute was removed from % bodyatt and % tocbodyatt in streamlining the dtd. Also the change level has been changed from NM_TOKENS to number.

Before:

```
<!ENTITY % bodyatt  "id       ID       #IMPLIED
tocentry   %yesorno;  '0'
label      CDATA      #IMPLIED
chnglevel  NM_TOKENS  '0'
chngtype   (add | delete)  #IMPLIED
acnlevel   NM_TOKENS  '0'
subsafe    %yesorno;    '0'
response   %yesorno;    '0'
hcp        %yesorno;    '0'
esds       %yesorno;    '0'
mcrnum     NM_TOKEN  '0'
addition   %yesorno;    '0'">
```

After:

```
<!ENTITY % bodyatt  "id ID #IMPLIED
tocentry    %yesorno;   '0'
label      CDATA #IMPLIED
chnglevel  NUMBER  '0'
chngtype   (add | delete) #IMPLIED
acnlevel    NMTOKENS   '0'
subsafe    %yesorno;    '0'
response   %yesorno;    '0'
hcp        %yesorno;    '0'
esds       %yesorno;    '0'
mcrnum     NM_TOKEN  '0'
addition   %yesorno;    '0'">
```

```
<!ENTITY % tocbodyatt  "id       ID       #REQUIRED
tocentry %yesorno;   '1'
label      CDATA #IMPLIED
chnglevel  NM_TOKENS  '0'
chngtype   (add | delete)  #IMPLIED
acnlevel   NM_TOKENS  '0'
subsafe    %yesorno;    '0'
response   %yesorno;    '0'
hcp        %yesorno;    '0'
esds       %yesorno;    '0'
mcrnum     NM_TOKEN  '0'
addition   %yesorno;    '0'">
```

After:

```
<!ENTITY % tocbodyatt  "id      ID       #REQUIRED
tocentry    %yesorno;   '1'
label      CDATA #IMPLIED
chnglevel  NUMBER  '0'
chngtype   (add | delete) #IMPLIED
acnlevel    NMTOKENS   '0'
subsafe    %yesorno;    '0'
response   %yesorno;    '0'
hcp        %yesorno;    '0'
esds       %yesorno;    '0'
mcrnum     NM_TOKEN  '0'
addition   %yesorno;    '0'">
```
Change Information for the Multi-Purpose Publishing DTD

- Added element “danger” to the % specpara for use when a manual has MIL-DTL-24784A(SH) referenced as a supporting document.

```xml
<!ENTITY % specpara "(warning*, caution*, note*)" >

• Added new element “danger” and modified the following elements to allow for “danger”:

```xml
<!ELEMENT danger     - -  (graphic?, (para*)+) -(danger | warning | caution | note | randlist |
deflist)>  
<!ATTLIST danger     id     ID    #IMPLIED  
type       NAME     #IMPLIED  
xrefid     IDREF    #IMPLIED  
chnglevel  NUMBER   '0'  
chngtype   (add | delete)  #IMPLIED  
mcrnum     NMTOKENS  '0'  
acnlevel   NMTOKENS  '0'  >
```

Modified

```xml
<!ELEMENT caution     - -  (graphic?, (para*, (%list;)*)) -(danger | warning | caution | note)>  
<!ATTLIST caution     id ID  #IMPLIED  
type NAME #IMPLIED  
xrefid IDREF #IMPLIED  
%secur; >
```

to

```xml
<!ELEMENT caution     - -  (graphic?, (para*)+) -(danger | warning | caution | note | randlist | 
deflist)>  
<!ATTLIST caution     id ID #IMPLIED  
type NAME #IMPLIED  
xrefid IDREF #IMPLIED  
%secur; >
```

```xml
<!ELEMENT item     - O  (warning*, caution*, note*, (title?, (seqlist | para)+), note*)>  
<!ATTLIST item     id ID #IMPLIED  
label CDATA #IMPLIED  
chnglevel NMTOKENS '0'  
chngtype (add | delete) #IMPLIED  
acnlevel NMTOKENS '0'  
mcrnum NMTOKENS '0'  
addition %yesorno; '0'  
%secur; >
```

to

```xml
<!ELEMENT item     - -  (danger*, warning*, caution*, note*, (title?, (seqlist | para)+), note*)>  
<!ATTLIST item     id ID #IMPLIED  
label CDATA #IMPLIED  
chnglevel NUMBER '0'  
chngtype (add | delete) #IMPLIED  
mcrnum NMTOKENS '0'  
acnlevel NMTOKENS '0'>
```

Change Information for the Multi-Purpose Publishing DTD

```xml
<!ELEMENT note     - -  ((para*, (%list;)*))    -(warning | caution | note)>
<!ATTLIST note     id    ID    #IMPLIED
     type     NAME     #IMPLIED
     xrefid   IDREF    #IMPLIED
     chnglevel        NUMBER       '0'
     chngtype         (add | delete)   #IMPLIED
     mcrnum           NMTOKENS     '0'
     acnlevel         NMTOKENS     '0'>

<!ATTLIST safesum     tocentry %yesorno; "1"
     verified %yesorno; "0"
     labeling %yesorno; "0">

<!ELEMENT safesum     - -  (para0, (warning*, caution*))   +(figure | table) >
<!ATTLIST safesum     tocentry %yesorno; "1"
     verified %yesorno; "0"
     labeling %yesorno; "0">

<!ELEMENT step1     - - ((warning*, caution*, note*, (title?, para+), note*), (step2, step2+)?) >
<!ATTLIST step1     %stepatt; >

<!ELEMENT step2     - - ((warning*, caution*, note*, (title?, para+), note*), (step3, step3+)?) >
<!ATTLIST step2     %stepatt; >

<!ELEMENT step3     - - ((warning*, caution*, note*, (title?, para+), note*), (step4, step4+)?) >
<!ATTLIST step3     %stepatt; >

<!ELEMENT step4     - - ((warning*, caution*, note*, (title?, para+), note*), (step5, step5+)?) >
<!ATTLIST step4     %stepatt; >
```

- 3 -
• Added “foldout” to the content model of “appendix” to support legacy manuals.

• In streamlining the dtd, removed “%secur” from the attlist for the following elements:

  - chapintro
  - intro
  - subfig
  - common
  - legend
  - subpara1
  - concurdate
  - macrograph
  - subpara2
  - contents
  - para0
  - subpara3
  - deflist
  - preface
  - subpara4
  - distribdate
  - section
  - subpara5
  - foldout
  - sendto
  - subpara6
  - foreword
  - shiporproject
  - subpara7

• Removed “%secur” and changed the optional endtag to required for the following elements:

  - abbrsect
  - eqpttype
  - subject
  - applicable
  - mcrincluded
  - symsect
  - contractno
  - modsubj
  - tbody
  - def
  - revnumber
  - thead
Change Information for the Multi-Purpose Publishing DTD

- Changed the optional endtag to required for the following elements:

  acnrec  
department  
seal  
address  
docmfr  
state  
building  
docno  
street  
chgdate  
doctype  
supersedel  
chnum  
downgrdauth  
term  
chgrec  
sn  
title  
city  
phrase  
user  
copyright  
prepubno  
volprtbkchpl  
country  
pubdate  
zip  
date  
pubno

- The following elements were added to the dtd to accommodate a different format of manual:

  <!ELEMENT apptitle    - -  (#PCDATA) +(brk)>  
  <!ELEMENT chapholder    - - (chapter, gennotes?, specnotes?)>  
  <!ELEMENT figpara      - -  ((#PCDATA | xref | extref)+)>  
  <!ELEMENT gennotes   - -  (svtmfront, (title?, para*), (section+ | para0+))>  
  <!ATTLIST gennotes   %tocbodyatt;  
%secur;  
sectionlabel  number '0'  
uselabel  number '0'>  
  <!ELEMENT insttouse  - - (para | %list;)+ +(sendto)>  
  <!ATTLIST insttouse noteorinst (note | inst) 'inst'  
%bodyatt;>  
  <!ELEMENT lec - -  (title, para, table)>  
  <!ELEMENT manualtoc  - -  (title, table)>  
  <!ELEMENT notetouse  - - (para | %list;)+ +(sendto)>  
  <!ATTLIST notetouse %bodyatt;>  
  <!ELEMENT specnotes  - -  (svtmfront, (title?, para*), (section+ | para0+))>  
  <!ATTLIST specnotes %tocbodyatt;  
%secur;  
sectionlabel  number '0'  
uselabel  number '0'>  
  <!ELEMENT svtmfront   - -  (doctype?, prtitle, maintlvl?, stitle?, vapplication?, lep, insttouse?,  
contents)>  
  <!ELEMENT vapplication   - -  (apptitle, para)>
• Modified the following element to allow the new elements from above to be used:

```xml
<!ELEMENT chapter - O (((title?, (para* | chapintro?), front), (section+ | para0+), rear?)>
<!ATTLIST chapter %tocbodyatt;
%secur;>
```

to

```xml
<!ELEMENT chapter - O (((title?, (para* | chapintro?), front | svtmfront), (section+ | para0+), foldout*, refdoc?, tmimprep?),
(rear?)>
<!ATTLIST chapter %tocbodyatt;
%secur;
sectionlabel number '0'
uselabel number '0'>
```

```xml
<!ELEMENT editunit - - (common | front | rear | chapter | section | para0 | table | part | volume | subpara1 | chapintro)> to
<!ELEMENT editunit - - (common | front | rear | chapholder | gennotes | specnotes | chapter | section | para0 | table | part | volume | subpara1 | chapintro)>
```

```xml
<!ELEMENT figure - -  (title?, (subfig+ | (graphic | macrograph | legend)+ | verbatim)) >
<!ATTLIST figure %bodyatt;
shortentry %yesorno; "0"
verified %yesorno; "0"
place NUMBER #IMPLIED
orient (port | land) "port"
%secur; >
```

to

```xml
<!ELEMENT figure - -  (title?, figpara?, (subfig+ | (graphic | macrograph | legend)+ | verbatim))>
<!ATTLIST figure %bodyatt;
shortentry %yesorno; "0"
verified %yesorno; "0"
orient (port | land) "port"
%secur; >
```

```xml
<!ELEMENT front - O (idinfo, lep, chgrec?, acnrec?, certsheet?, aprpt?, valperform?,
(FOREWORD | PREFACE | INTRO | NOTETOUSE) (?), (MCF, MCFINSTRUCT)*, MSTRINDEX?, VOLINDEX?, CONTENTS, SAFESUM?) >
<!ATTLIST front %secur; >
```

to

```xml
<!ELEMENT front - O (idinfo, (lep | lec), chgrec?, acnrec?, certsheet?, aprpt?, valperform?,
((FOREWORD | PREFACE | INTRO | NOTETOUSE) | (INSTTOUSE, TMIMPREP, FOREWORD) ?), (MCF, MCFINSTRUCT)*,
MSTRINDEX?, VOLINDEX?, (CONTENTS | MANUALTOC), SAFESUM?) >
<!ATTLIST front type (std | svtm) 'std'>
```

```xml
<!ELEMENT volume - O (front?, (part+ | chapter+), rear?)>
<!ATTLIST volume %tocbodyatt;
%secur;>
```

to

```xml
<!ELEMENT volume - O (front?, (chapholder* | part+ | chapter+), gennotes?, specnotes?,
rear?)>
<!ATTLIST volume %tocbodyatt;
labelit %yesorno; '1'
%secur;>
```
Change Information for the Multi-Purpose Publishing DTD

- Allow multiple graphics for the following elements to support legacy manuals and removed %secur attribute from "certsheet" and "valperform".

```xml
<!ELEMENT aprpt - O (table | graphic)>
to
<!ELEMENT aprpt - - (table | graphic+)>
</!ATTLIST certsheet %secur;>
to
<!ELEMENT certsheet - - (graphic+)>
<!ELEMENT valperform - - (graphic)>
<!ATTLIST valperform %bodyatt;
%sec;
>to
<!ELEMENT valperform - - (graphic+)>
<!ATTLIST valperform %bodyatt;>
```

- Added element “chgtmins” to dtd from oversight in initial development.

```xml
<!ELEMENT chgtmins - - (#PCDATA) +(brk) >
<!ATTLIST chgtmins torb (top | bottom) #REQUIRED >
```

- Modified existing elements to allow for the new element to allow for element “chgtmins” and added attributes “docstat” for markings on hardcopy and “tdmisrevnum” and “tdmischgnum” to support information supplied to TDMIS.

```xml
<!ELEMENT idinfo - - (pubno+, prepubno*, nsn?, revnumber?, doctype, prtitle, maintlvl?, stitle?, ((mfr, contractno+) | (docmfr, address)*), seal?, notice, copyright?, downgrd?, pubdate, (chgnum?, chgdate)?)>
<br>to
<br>to
```

- The content models were the same for %nparacon1 and %nparacon, replaced %nparacon1 with %nparacon during streamlining the dtd for the following elements:

```
subpara2  subpara4  subpara6
subpara3  subpara5  subpara7
```

- Changed the “chnglevel” attribute from NMTOKENS to NUMBER for the following:

```
change  row
entry  seqlist
```
Change Information for the Multi-Purpose Publishing DTD

• Added “+(brk)” to the content model and changed the end tag from optional to required for the following elements:

  doctype mfr stitle
maintlvl prtitle

• Removed attribute “type” from element “brk” during streamlining the dtd.

• Removed element “step7” during streamlining the dtd.

• Added “newpageafter” attribute to “chapintro” as follows:

  <!ELEMENT chapintro - - (para0+)>
  <!ATTLIST chapintro %tocbodyatt; %secur;>
  to
  <!ELEMENT chapintro - - (para0+)>
  <!ATTLIST chapintro %tocbodyatt; newpageafter %yesorno; "0">

• Added “foldoutsec” and “tablesect” element.

  <!ELEMENT foldoutsect - - (foldout+)>  
  <!ELEMENT tablesect - - (table+)>

• Changed the attributes for “colspec” as follows:

  <!ELEMENT colspec     - O EMPTY >
  <!ATTLIST colspec     colnum NUMBER #IMPLIED
    colname NMTOKEN #IMPLIED
    align (left | right | center | justify | char)       #IMPLIED
    charoff NUTOKEN #IMPLIED
    char CDATA #IMPLIED
    colwidth CDATA #IMPLIED
    colsep %yesorno; #IMPLIED
    rowsep %yesorno; #IMPLIED >
  to
  <!ELEMENT colspec     - O EMPTY >
  <!ATTLIST colspec     colnum NUMBER #IMPLIED
    colname NUMBER #REQUIRED
    align (left | right | center | justify | char)       #IMPLIED
    charoff NUTOKEN #IMPLIED
    char CDATA #IMPLIED
    colwidth CDATA #IMPLIED
    colsep %yesorno; #IMPLIED
    rowsep %yesorno; #IMPLIED >
Change Information for the Multi-Purpose Publishing DTD

- Added new attribute to “extref” as follows:

```xml
<!ELEMENT extref (O EMPTY)>
<!ATTLIST extref
docno CDATA #IMPLIED
pretext CDATA #IMPLIED
posttext CDATA #IMPLIED
%secur; >
```

- Added new attribute to “extref” as follows:

```xml
<!ELEMENT extref (O EMPTY)>
<!ATTLIST extref
docno CDATA #REQUIRED
xrefid CDATA #IMPLIED
pretext CDATA #IMPLIED
posttext CDATA #IMPLIED
reftype (TM | DWG) #REQUIRED
reparms CDATA #IMPLIED>
```

- Added “chngtype”, “mcrnum”, and “chnglevel” attributes to the following elements:

```xml
<!ELEMENT graphic (O EMPTY)>
<!ATTLIST graphic
boardno CDATA #REQUIRED
graphsty NMTOKEN #IMPLIED
hplace (left | right | center | none) #IMPLIED
vplace (top | middle | bottom | none) #IMPLIED
%secur; >
```

- Added “chngtype”, “mcrnum”, and “chnglevel” attributes to the following elements:

```xml
<!ELEMENT graphic (O EMPTY)>
<!ATTLIST graphic
boardno CDATA #REQUIRED
chngtype (add | delete) #IMPLIED
mcrnum NMTOKENS '0'
chnglevel NUMBER '0'
graphsty (newpageafter | inline | intext | outline) 'inline'
hplace (left | right | center | none) #IMPLIED
vplace (top | middle | bottom | none) #IMPLIED
%secur; >
```

```xml
<!ELEMENT para (%specpara;, (%text; | deflist | randlist | table | figure | foldout)+)>
<!ATTLIST para
%bodyatt; shortentry %yesorno; "0" verified %yesorno; "0"
%secur; >
```

- Added “chngtype”, “mcrnum”, and “chnglevel” attributes to the following elements:

```xml
<!ELEMENT para (%specpara;, (%text; | deflist | randlist | table | figure | foldout)+)>
<!ATTLIST para
chngtype (add | delete) #IMPLIED
acnlevel NMTOKENS '0'
mcrnum NMTOKENS '0'
%secur; >
```
Change Information for the Multi-Purpose Publishing DTD

```
<!ELEMENT randlist     - -  (title?, item+) >
<!ATTLIST randlist     bullets   %yesorno;   "1"
%secur; >
```
to
```
<!ELEMENT randlist     - -  (title?, item+) >
<!ATTLIST randlist     bullets   %yesorno;   "1"
chnglevel        NUMBER       '0'
chngtype        (add | delete)   #IMPLIED
acnlevel         NMTOKENS     '0'
mcrnum          NMTOKENS     '0'>
```

• Added “para” to the content for element “modcontent” as follows:

```
<!ELEMENT modcontent - O (%list;)>
<!ATTLIST modcontent  %secur;>
```
to
```
<!ELEMENT modcontent - - (para | %list;)+>
```

• Changed the content model for element “part” as follows:

```
<!ELEMENT part - O (front?, chapter+, rear?)>
<!ATTLIST part %tocbodyatt;
%secur;>
```
to
```
<!ELEMENT part - O (front?, chapter+, tmimprep?)>
<!ATTLIST part %tocbodyatt;
%secur;>
```

• Removed “index” from the content model of “rear” during streamlining as follows:

```
<!ELEMENT rear     - O  (refdoc?, table*, appendix*, glossary?, index?, supplement*, foldout*,
tmimprep*) >
```
to
```
<!ELEMENT rear     - O  (refdoc?, tablesect?, appendix*, glossary?, supplement*, foldoutsect?,
tmimprep*) >
```

• Removed %secur attribute from “refdoc” and added attribute type as follows:

```
<!ELEMENT refdoc  - -  (refitem+)>
<!ATTLIST refdoc id ID  #REQUIRED
%secur;>
```
to
```
<!ELEMENT refdoc  - -  (refitem+)>
<!ATTLIST refdoc id ID  #REQUIRED
type (std  | svtm)  'std'>
```

• Changed the default value of attribute “frame” from “#IMPLIED” to “all” for element “table”.

Change Information for the Multi-Purpose Publishing DTD

- Changed the end tag from optional to required and removed attribute “tgroupstyle” from element “tgroup” as follows:

```xml
<!ELEMENT tgroup (colspec*, spanspec*, thead?, tbody)>
<!ATTLIST tgroup cols NUMBER #REQUIRED
tgroupstyle NMTOKEN #IMPLIED
colsep %yesorno; #IMPLIED
align (left | right | center | justify | char) "left"
charoff NUTOKEN "50"
char CDATA "" %secur; >
to
<!ELEMENT tgroup (colspec*, spanspec*, thead?, tbody)>
<!ATTLIST tgroup cols NUMBER #REQUIRED
colsep %yesorno; #IMPLIED
rowsep %yesorno; #IMPLIED
align (left | right | center | justify | char) "left"
charoff NUTOKEN "50"
char CDATA "" >
```

- Added attribute “mcrnum” and removed %secur from element “xref” as follows:

```xml
<!ELEMENT xref EMPTY>
<!ATTLIST xref xrefid IDREF #REQUIRED
pretext CDATA #IMPLIED
posttext CDATA #IMPLIED
chnglevel NMTOKENS '0'
chngtype (add | delete) #IMPLIED
addition %yesorno; '0'
%secur; >
to
<!ELEMENT xref EMPTY>
<!ATTLIST xref mcrnum NMTOKEN #IMPLIED
xrefid IDREF #REQUIRED
pretext CDATA #IMPLIED
posttext CDATA #IMPLIED
chnglevel NUMBER '0'
chngtype (add | delete) #IMPLIED
addition %yesorno; '0' >
```