

Change Information for the Multi-Purpose Publishing DTD

The following change 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 NMTOKENS to number.

<!ENTITY % bodyatt	"id	ID	#IMPLIED	
	tocentry	%yesorno;	'0'	
	label	CDATA	#IMPLIED	
	chnglevel	NMTOKENS	'0'	
	chngtype	(add delete)	#IMPLIED	
	acnlevel	NMTOKENS	'0'	
	subsafe	%yesorno;	'0'	
	response	%yesorno;	'0'	
	hcp	%yesorno;	'0'	
	esds	%yesorno;	'0'	
	mcrnum	NMTOKEN	'0'	
	addition	%yesorno;	'0">	
	to			
<!ENTITY % bodyatt	"id	ID	#IMPLIED	
	tocentry	%yesorno;	'0'	
	label	CDATA	#IMPLIED	
	chnglevel	NUMBER	'0'	
	chngtype	(add delete)	#IMPLIED	
	acnlevel	NMTOKENS	'0'	
	subsafe	%yesorno;	'0'	
	hcp	%yesorno;	'0'	
	esds	%yesorno;	'0'	
	mcrnum	NMTOKEN	'0'	
	addition	%yesorno;	'0">	
	<!ENTITY % tocbodyatt	"id	ID	#REQUIRED
		tocentry	%yesorno;	'1'
label		CDATA	#IMPLIED	
chnglevel		NMTOKENS	'0'	
chngtype		(add delete)	#IMPLIED	
acnlevel		NMTOKENS	'0'	
subsafe		%yesorno;	'0'	
response		%yesorno;	'0'	
hcp		%yesorno;	'0'	
esds		%yesorno;	'0'	
mcrnum		NMTOKEN	'0'	
addition		%yesorno;	'0">	
to				
<!ENTITY % tocbodyatt	"id	ID	#REQUIRED	
	tocentry	%yesorno;	'1'	
	label	CDATA	#IMPLIED	
	chnglevel	NUMBER	'0'	
	chngtype	(add delete)	#IMPLIED	
	acnlevel	NMTOKENS	'0'	
	subsafe	%yesorno;	'0'	
	hcp	%yesorno;	'0'	
	esds	%yesorno;	'0'	
	mcrnum	NMTOKEN	'0'	
	addition	%yesorno;	'0">	

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

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

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

```
<!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

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

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

```
<!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 NMTOKEN '0'
addition %yesorno; '0'
%secur; >
```

```
to
<!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'>
```

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

to

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

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

to

<!ELEMENT safesum   - - (para0, (danger*, 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; >

to

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

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

to

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

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

to

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

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

to

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

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```
<!ELEMENT step5    - - ((warning*, caution*, note*, (title?, para+), note*), (step6, step6+)?) >
<!ATTLIST step5    %stepatt; >
to
<!ELEMENT step5    - - ((danger*, warning*, caution*, note*, (title?, para+), note*), (step6,
step6+)?) >
<!ATTLIST step5    %stepatt; >
```

```
<!ELEMENT step6    - - ((warning*, caution*, note*, (title?, para+), note*), (step7, step7+)?) >
<!ATTLIST step6    %stepatt; >
to
<!ELEMENT step6    - - (danger*, warning*, caution*, note*, (title?, para+), note*) >
<!ATTLIST step6    %stepatt; >
```

```
<!ELEMENT warning  - - (graphic?, (para*, (%list;)*)+) -(warning | caution | note)>
<!ATTLIST warning  id          ID          #IMPLIED
                   type       NAME        #IMPLIED
                   xrefid     IDREF     #IMPLIED
                   vital      %yesorno;  "0"
                   %secur; >
```

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

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

```
<!ELEMENT appendix - - (title?, ((para*, (table | figure | graphic))+ | section+)) >
to
<!ELEMENT appendix - - (title?, ((para*, (table | figure | foldout | graphic))+ | section+)) >
```

- 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

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

acnrec	department	seal
address	docmfr	state
building	docno	street
chgdate	doctype	supersede
chgnum	downgrdauthrty	term
chgrec	nsn	title
city	phrase	user
copyright	prepubno	volprtbkchplist
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?, prttitle, maintlvl?, stitle?, vapplication?, lep, insttouse?,
contents)>

<!ELEMENT vapplication - - (apptitle, para)>
```

Change Information for the Multi-Purpose Publishing DTD

- Modified the following element to allow the new elements from above to be used:

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

to

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

```
<!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)>
```

```
<!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

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

```
<!ELEMENT front   - O (idinfo, lep, chgrec?, acnrec?, certsheet?, aprpt?, valperform?,
(foreword | preface | intro | notetouse)?, (mcf, mcfinstruct)*, mstrindx?, volindx?, contents,
safesum?) >
```

```
<!ATTLIST front   %secur; >
```

to

```
<!ELEMENT front   - O (idinfo, (lep | lec), chgrec?, acnrec?, certsheet?, aprpt?, valperform?,
((foreword | preface | intro | notetouse) | (insttouse, tmimprep, foreword))?, (mcf, mcfinstruct)*,
mstrindx?, volindx?, (contents | manualtoc), safesum?) >
<!ATTLIST front   type          (std | svtml)  'std'>
```

```
<!ELEMENT volume  - O (front?, (part+ | chapter+), rear?)>
```

```
<!ATTLIST volume  %tocbodyatt;
                  %secur;>
```

to

```
<!ELEMENT volume  - O (front?, (chapholder* | part+ | chapter+), gennotes?, specnotes?,
rear?)>
<!ATTLIST volume  %tocbodyatt;
                  labelit      %yesorno;    '1'
                  %secur;>
```

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

```
<!ELEMENT aprpt - O (table | graphic)>
to
<!ELEMENT aprpt - - (table | graphic+)>
```

```
<!ELEMENT certsheet - - (graphic)>
<!ATTLIST certsheet %secur;>
to
<!ELEMENT certsheet - - (graphic+)>
```

```
<!ELEMENT valperform - - (graphic)>
<!ATTLIST valperform %bodyatt;
%secur;>
to
<!ELEMENT valperform - - (graphic+)>
<!ATTLIST valperform %bodyatt;>
```

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

```
<!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.

```
<!ELEMENT idinfo - - (pubno+, prepubno*, nsn?, revnumber?, doctype, prtitle, maintlvl?,
stitle?, ((mfr, contractno+) | (docmfr, address)*), seal?, notice, copyright?, downgrd?, pubdate,
(chgnum?, chgdate?))>
<!ATTLIST idinfo verified %yesorno; "0"
cover %yesorno; "0"
%secur; >
to
<!ELEMENT idinfo - - (pubno+, prepubno*, nsn?, revnumber?, chgtmins?, doctype, prtitle,
maintlvl?, stitle?, ((mfr, contractno+) | (docmfr, address)*), seal?, notice, copyright?, downgrd?,
pubdate, (chgnum?, chgdate?))>
<!ATTLIST idinfo verified %yesorno; "0"
cover %yesorno; "0"
docstat (draft, unaprvp, prelim, aprvp, final) "final"
tdmisrevnum CDATA #REQUIRED
tdmischgnum CDATA #REQUIRED
%secur; >
```

- 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

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- 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 >
```


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- Added new attribute to “extref” as follows:

<!ELEMENT extref	- O EMPTY >		
<!ATTLIST extref	docno	CDATA	#IMPLIED
	pretext	CDATA	#IMPLIED
	posttext	CDATA	#IMPLIED
	%secur;		>
to			
<!ELEMENT extref	- O EMPTY >		
<!ATTLIST extref	docno	CDATA	#REQUIRED
	xrefid	CDATA	#IMPLIED
	pretext	CDATA	#IMPLIED
	posttext	CDATA	#IMPLIED
	reftype	(TM DWG)	#REQUIRED
	refparms	CDATA	#IMPLIED>

- Added “chgntype”, “mcnum”, and “chnlevel” attributes to the following elements:

<!ELEMENT graphic	- O EMPTY >		
<!ATTLIST graphic	boardno	CDATA	#REQUIRED
	graphsty	NMTOKEN	#IMPLIED
	hplace	(left right center none)	#IMPLIED
	vplace	(top middle bottom non)	#IMPLIED
	%secur;		>
to			
<!ELEMENT graphic	- O EMPTY >		
<!ATTLIST graphic	boardno	CDATA	#REQUIRED
	chgntype	(add delete)	#IMPLIED
	mcnum	NMTOKENS	'0'
	chnlevel	NUMBER	'0'
	graphsty	(newpageafter inline intext outline)	'inline'
	hplace	(left right center none)	#IMPLIED
	vplace	(top middle bottom non)	#IMPLIED
	%secur;		>
<!ELEMENT para	- O (%specpara;, (%text; deflist randlist table figure foldout)+)>		
<!ATTLIST para	%bodyatt;		
	shortentry	%yesorno;	"0"
	verified	%yesorno;	"0"
	%secur;		>
to			
<!ELEMENT para	-- (%specpara;, (%text; deflist randlist table figure foldout)+)>		
<!ATTLIST para	chnlevel	NUMBER	'0'
	chgntype	(add delete)	#IMPLIED
	acnlevel	NMTOKENS	'0'
	mcnum	NMTOKENS	'0'
	%secur;		>

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```
<!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'
                mcrrnum 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+, tmimpred?)>
<!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*,
tmimpred*) >

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

- 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”.

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

```

<!ELEMENT tgroup - O (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:

```

<!ELEMENT xref - O 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 - O 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' >

```