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<!--
interiorSubmission.dtd
created:      Aug 22 2002
last modified: July 1, 2020
```

This file ensures an appraisal data submission has the right amount of data fields supplied. Each tag is named after the tab (screen name), so use the web-screens as a guide when marking up your data.

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-->
<!-- interior-submission -->
<!ELEMENT interior-submission (ref-info, acknowledgements?, tabular-roads?,
culverts?, other-development?, cruise-info, log-trans, specified-ops*,
bc-timber-sales?)>
<!ATTLIST interior-submission
  ecas-id CDATA #IMPLIED
>
<!ELEMENT date EMPTY>
<!ATTLIST date
  year CDATA #REQUIRED
  month CDATA #REQUIRED
  day CDATA #REQUIRED
>
<!-- ref-info -->
<!ELEMENT ref-info (effective-date?, expiry-date?)>
<!ATTLIST ref-info
  timber-mark CDATA #REQUIRED
  reference-timber-mark CDATA #IMPLIED
  forest-district CDATA #REQUIRED
  timber-supply-block CDATA #IMPLIED
  rate-calculation-method (CVP | MPS) #REQUIRED
  appraisal-type (N | R) #REQUIRED
  reappraisal-reason (MIN | BRS | SSD | CID | CHM | HA | OTH | OCC) #IMPLIED
  point-of-appraisal-code CDATA #IMPLIED
  comparative-cruise (Y | N | y | n) "N"
  conif-stand-rate-elig-code ( B | C | N | S ) "S"
  decid-stand-rate-elig-code ( A | B | C | N | S ) "N"
  nrfl-bonus-bid CDATA #IMPLIED
>
<!ELEMENT effective-date (date)>
<!ELEMENT expiry-date (date)>
<!-- end ref-info -->
<!-- acknowledgments -->
<!ELEMENT acknowledgements ANY>
<!ATTLIST acknowledgements
  certification-ind ( Y | y | NULL | null | Null) #IMPLIED
>
<!-- end acknowledgements -->
<!-- tabular-roads -->
<!ELEMENT tabular-roads (applicable-volume?, tabular-road*)>
<!ELEMENT tabular-road EMPTY>
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<!ATTLIST tabular-road
  road-id CDATA #REQUIRED
  road-group CDATA #REQUIRED
  bec-zone-code CDATA #REQUIRED
  road-section-num CDATA #REQUIRED
  road-type-code (W | L | S) #REQUIRED
  section-length CDATA #REQUIRED
  soil-moisture CDATA #IMPLIED
  side-slope-pct CDATA #REQUIRED
  rock-pct CDATA #REQUIRED
  stabilizing-required (Y | N | y | n) #IMPLIED
  stab-length CDATA #IMPLIED
  material-type CDATA #IMPLIED
  distance-to-source CDATA #IMPLIED
>
<!-- end tabular-roads -->
<!-- culverts -->
<!ELEMENT culverts (applicable-volume?, culvert*)>
<!ELEMENT applicable-volume (#PCDATA)>
<!ELEMENT culvert EMPTY>
<!ATTLIST culvert
  pipe-diameter CDATA #REQUIRED
  pipe-length CDATA #REQUIRED
  number CDATA #REQUIRED
>
<!-- end culverts -->
<!-- other-development -->
<!ELEMENT other-development (allocated-development?, engineered-development?)>
<!ATTLIST other-development
  fencing-distance CDATA #IMPLIED
  num-cattle-guards CDATA #IMPLIED
  num-single-pipeline-crossings CDATA #IMPLIED
  num-multiple-pipeline-crossings CDATA #IMPLIED
  log-debris-fencing CDATA #IMPLIED
>
<!ELEMENT development EMPTY>
<!ATTLIST development
  id CDATA #REQUIRED
  description CDATA #IMPLIED
  cost-base-year CDATA #IMPLIED
  original-cost CDATA #IMPLIED
  trended-cost CDATA #IMPLIED
  applicable-volume CDATA #IMPLIED
  amended (Y | N | y | n) "N"
>
<!ELEMENT allocated-development (development*)>
<!ELEMENT engineered-development (development*)>
<!-- end other-development -->
<!-- cruise-info -->
<!ELEMENT cruise-info (species-volume+, insect-damage-type-volume*, tree-to-truck*)>

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<!ATTLIST cruise-info
  net-merchantable-area CDATA #IMPLIED
  net-area-to-reforest CDATA #REQUIRED
  obligatory-deciduous-volume CDATA #REQUIRED
  sampling-error-pct CDATA #REQUIRED
  cp-avg-vol-per-tree CDATA #REQUIRED
  cp-avg-slope-pct CDATA #REQUIRED
  cp-plots-per-ha CDATA #REQUIRED
  cp-trees-per-plot CDATA #REQUIRED
  cp-cruise-date CDATA #REQUIRED
  bec-zone-code-1 CDATA #REQUIRED
  bec-subzone-code-1 CDATA #REQUIRED
  variant-1 CDATA #IMPLIED
  plan-1 (IPD | ITS | SXL | P18 | P20 | EDE | EDI | PWF) #IMPLIED
  bec-percent-1 CDATA #REQUIRED
  bec-ehnc-percent-1 CDATA #IMPLIED
  bec-zone-code-2 CDATA #IMPLIED
  bec-subzone-code-2 CDATA #IMPLIED
  variant-2 CDATA #IMPLIED
  plan-2 (IPD | ITS | SXL | P18 | P20 | EDE | EDI | PWF) #IMPLIED
  bec-percent-2 CDATA #IMPLIED
  bec-ehnc-percent-2 CDATA #IMPLIED
  root-disease-control-req (Y | N) "N"
  root-disease-control-cost CDATA #IMPLIED
  basic-silviculture-required (Y | N | y | n) "Y"
  distance-to-support-centre CDATA #IMPLIED
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<!ELEMENT species-volume EMPTY>
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<!ATTLIST species-volume
  species-code CDATA #REQUIRED
  volume CDATA #REQUIRED
  decay-pct CDATA #IMPLIED
  stud-pct CDATA #IMPLIED
  lrf CDATA #IMPLIED
  burn-pct CDATA #IMPLIED
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<!ELEMENT insect-damage-type-volume EMPTY>
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<!ATTLIST insect-damage-type-volume
  insect-damage-type-code ( GA | RA | YA | OTH ) #REQUIRED
  volume CDATA #REQUIRED
```

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<!ELEMENT tree-to-truck EMPTY>
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<!ATTLIST tree-to-truck
  appraisal-method-code CDATA #REQUIRED
  harvest-system-code (P | C) #REQUIRED
  volume-to-be-harvested CDATA #REQUIRED
  lodgepole-pine-volume CDATA #IMPLIED
  hemlock-volume CDATA #IMPLIED
  spruce-volume CDATA #IMPLIED
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bgc-zone-code CDATA #REQUIRED
net-volume-per-tree CDATA #REQUIRED
volume-per-hectare CDATA #REQUIRED
stand-defect-pct CDATA #IMPLIED
partial-cut-pct CDATA #IMPLIED
average-slope-pct CDATA #REQUIRED
blowdown-pct CDATA #IMPLIED
heavy-fire-damage-pct CDATA #IMPLIED
dead-useless-snags-pct CDATA #IMPLIED
skyline-yarding-distance CDATA #IMPLIED
helicopter-yarding-distance CDATA #IMPLIED
uphill-yarding-ind (Y | N | y | n) #IMPLIED
>
<!-- end cruise-info -->
<!-- log-trans -->
<!ELEMENT log-trans EMPTY>
<!ATTLIST log-trans
  truck-haul-method-code (O | H) #IMPLIED
  truck-haul-primary-cycle-time CDATA #IMPLIED
  truck-haul-secondary-cycle-time CDATA #IMPLIED
  water-transport-code CDATA #IMPLIED
  water-transport-tow-distance CDATA #IMPLIED
  dewater-reload (Y | N | y | n) "N"
  truck-to-rail-transfer (DL | O | N) "N"
  rail-location-code CDATA #IMPLIED
  barge-ferry-ind (Y | N | y | n) "N"
  crew-charge-ferry-ind (Y | N | y | n) "N"
  road-management-ind (Y | N | y | n) #IMPLIED
  road-use-charge CDATA #IMPLIED
  location-description CDATA #IMPLIED
  camps CDATA #IMPLIED
  transport-by-charge-ind (Y | N | y | n) "N"
  wt-applicable-volume CDATA #REQUIRED
  sts-applicable-volume CDATA #REQUIRED
  camps-applicable-volume CDATA #REQUIRED
>
<!-- end log-trans -->
<!-- specified-ops -->
<!ELEMENT specified-ops EMPTY>
<!ATTLIST specified-ops
  code CDATA #REQUIRED
  comment CDATA #IMPLIED
  rate CDATA #REQUIRED
  applicable-volume CDATA #REQUIRED
>
<!-- end specified-ops -->
<!-- bc-timber-sales -->
<!ELEMENT bc-timber-sales (development*)>
<!ATTLIST bc-timber-sales
  upset-override-reason-code (S70 | OTH | LVC) #IMPLIED

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bcts-variable-cost CDATA #IMPLIED
decked-volume CDATA #IMPLIED
rw-volume CDATA #IMPLIED
rw-area CDATA #IMPLIED
upset-value CDATA #IMPLIED
bonus-offer CDATA #IMPLIED
bonus-bid CDATA #IMPLIED
>
<!-- end bc-timber-sales -->
<!-- end interior-submission -->
```