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1  <?xml version="1.0" encoding="UTF-8"?>
2  <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema">
3  <!-- This schema requires an include of 'WimsType.xsd' to compile -->
4  <xsd:include schemaLocation="./WimsType.xsd"/>
5  <xsd:annotation>
6    <xsd:documentation source="www.pwg.org">
7      IEEE/ISTO Printer Working Group (PWG)
8      Web-Based Imaging Management Service (WIMS)
9      Subunits XML Schema
10     - Subunits-20060320.xsd
11     - version 0.60 - 22 April 2006 - Ira McDonald
12     - based on IETF Printer MIB v2 [RFC3805] with extensions
13
14     Normative References
15     -----
16     [WIMS-PRO] Web-based Imaging Management Service (WIMS)
17               (work-in-progress)
18
19     Informative References
20     -----
21
22     [IANA-FIN] IANA Finisher MIB (first published in [RFC3806])
23               http://www.iana.org/assignments/ianafinisher-mib
24
25     [IANA-PRT] IANA Printer MIB (first published in [RFC3805])
26               http://www.iana.org/assignments/ianaprinter-mib
27
28     [PWG5101.1] Standard for Media Standardized Names
29               (February 2002)
30
31     [RFC2579] Textual Conventions for SMIV2
32               (April 1999)
33               ftp://ftp.isi.edu/in-notes/rfc2579.txt
34
35     [RFC2863] The Interfaces Group MIB
36               (June 2000)
37               ftp://ftp.isi.edu/in-notes/rfc2863.txt
38
39     [RFC2911] Internet Printing Protocol/1.1: Model and Semantics
40               (September 2000)
41               ftp://ftp.isi.edu/in-notes/rfc2911.txt
42
43     [RFC3066] Tags for the Identification of Languages
44               (January 2001)
45               ftp://ftp.isi.edu/in-notes/rfc3066.txt
46
47     [RFC3805] Printer MIB v2
48               (June 2004)
49               ftp://ftp.isi.edu/in-notes/rfc3805.txt
50
51     [RFC3806] Finisher MIB
52               (June 2004)
53               ftp://ftp.isi.edu/in-notes/rfc3806.txt
54  </xsd:documentation>
```

```
55 </xsd:annotation>
56
57 <!--          -->
58 <!-- subunit element type definitions -->
59 <!--          -->
60
61 <xsd:simpleType name="SubunitAddressabilityUnitWKV">
62   <!-- interpreter, marker, or scanner addressability unit -->
63   <!-- see PrtMarkerAddressabilityUnitTC in [RFC3805] -->
64   <xsd:restriction base="xsd:NMTOKEN">
65     <xsd:enumeration value="Other"/>
66     <xsd:enumeration value="Unknown"/>
67     <xsd:enumeration value="TenThousandthsOfInches"/>
68     <xsd:enumeration value="Micrometers"/>
69   </xsd:restriction>
70 </xsd:simpleType>
71
72 <xsd:simpleType name="SubunitCapacityUnitWKV">
73   <!-- input tray, output tray, or finisher capacity/level unit -->
74   <!-- see PrtCapacityUnitTC in [RFC3805] -->
75   <xsd:restriction base="xsd:NMTOKEN">
76     <xsd:enumeration value="Other"/>
77     <xsd:enumeration value="Unknown"/>
78     <xsd:enumeration value="TenThousandthsOfInches"/>
79     <xsd:enumeration value="Micrometers"/>
80     <xsd:enumeration value="Sheets"/>
81     <xsd:enumeration value="Feet"/>
82     <xsd:enumeration value="Meters"/>
83     <xsd:enumeration value="Items"/>
84     <xsd:enumeration value="Percent"/>
85   </xsd:restriction>
86 </xsd:simpleType>
87
88 <xsd:simpleType name="SubunitCounterUnitWKV">
89   <!-- marker or scanner usage counter unit -->
90   <!-- see PrtMarkerCounterUnitTC in [RFC3805] -->
91   <xsd:restriction base="xsd:NMTOKEN">
92     <xsd:enumeration value="Other"/>
93     <xsd:enumeration value="Unknown"/>
94     <xsd:enumeration value="TenThousandthsOfInches"/>
95     <xsd:enumeration value="Micrometers"/>
96     <xsd:enumeration value="Characters"/>
97     <xsd:enumeration value="Lines"/>
98     <xsd:enumeration value="Impressions"/>
99     <xsd:enumeration value="Sheets"/>
100    <xsd:enumeration value="DotRow"/>
101    <xsd:enumeration value="Hours"/>
102    <xsd:enumeration value="Feet"/>
103    <xsd:enumeration value="Meters"/>
104  </xsd:restriction>
105 </xsd:simpleType>
106
107 <xsd:simpleType name="SubunitPresentOnOffWKV">
108   <!-- subunit or feature present/on/off -->
```

```
109     <!-- see PresentOnOff in [RFC3805] and [IANA-PRT] -->
110     <xsd:restriction base="xsd:NMTOKEN">
111         <xsd:enumeration value="Other" />
112         <xsd:enumeration value="Unknown" />
113         <xsd:enumeration value="On" />
114         <xsd:enumeration value="Off" />
115         <xsd:enumeration value="NotPresent" />
116     </xsd:restriction>
117 </xsd:simpleType>
118
119 <xsd:simpleType name="SubunitStateWKV">
120     <!-- subunit state or condition -->
121     <!-- see PrtSubUnitStatusTC in [RFC3805] -->
122     <xsd:restriction base="xsd:NMTOKEN">
123         <xsd:enumeration value="AvailableAndIdle" />
124         <xsd:enumeration value="AvailableAndStandby" />
125         <xsd:enumeration value="AvailableAndActive" />
126         <xsd:enumeration value="AvailableAndBusy" />
127         <xsd:enumeration value="UnavailableAndOnRequest" />
128         <xsd:enumeration value="UnavailableAndBroken" />
129         <xsd:enumeration value="Unknown" />
130         <xsd:enumeration value="WarningAlerts" />
131         <xsd:enumeration value="CriticalAlerts" />
132         <xsd:enumeration value="Online" />
133         <xsd:enumeration value="Offline" />
134         <xsd:enumeration value="Transitioning" />
135     </xsd:restriction>
136 </xsd:simpleType>
137
138 <xsd:complexType name="SubunitStates">
139     <!-- subunit states and conditions -->
140     <!-- see PrtSubUnitStatusTC (bit-mask) in [RFC3805] -->
141     <xsd:sequence>
142         <xsd:element name="SubunitState" type="SubunitStateWKV"
143             minOccurs="0" maxOccurs="unbounded" />
144     </xsd:sequence>
145 </xsd:complexType>
146
147 <xsd:complexType name="ConsoleDisplayBuffer">
148     <!-- console display buffer -->
149     <!-- see prtConsoleDisplayBufferTable in [RFC3805] -->
150     <xsd:sequence>
151         <xsd:element name="ConsoleDisplayText" type="ObjectStringLong"
152             minOccurs="0" maxOccurs="unbounded" />
153     </xsd:sequence>
154 </xsd:complexType>
155
156 <xsd:complexType name="ConsoleLights">
157     <!-- console lights -->
158     <!-- see prtConsoleLightTable in [RFC3805] -->
159     <xsd:sequence>
160         <xsd:element name="ConsoleLight" type="ConsoleLight"
161             minOccurs="0" maxOccurs="unbounded" />
162     </xsd:sequence>
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163 </xsd:complexType>
164
165 <xsd:complexType name="ConsoleLight">
166   <!-- console light -->
167   <!-- see prtConsoleLightEntry in [RFC3805] -->
168   <xsd:sequence>
169     <xsd:element ref="ConsoleLightOnTime"
170       minOccurs="0" maxOccurs="1"/>
171     <xsd:element ref="ConsoleLightOffTime"
172       minOccurs="0" maxOccurs="1"/>
173     <xsd:element ref="ConsoleLightColor"
174       minOccurs="0" maxOccurs="1"/>
175     <xsd:element ref="ConsoleLightInfo"
176       minOccurs="0" maxOccurs="1"/>
177   </xsd:sequence>
178 </xsd:complexType>
179
180 <xsd:simpleType name="ConsoleLightColorWKV">
181   <!-- console light color -->
182   <!-- see PrtConsoleColorTC in [RFC3805] -->
183   <xsd:restriction base="xsd:NMTOKEN">
184     <xsd:enumeration value="Other"/>
185     <xsd:enumeration value="Unknown"/>
186     <xsd:enumeration value="White"/>
187     <xsd:enumeration value="Red"/>
188     <xsd:enumeration value="Green"/>
189     <xsd:enumeration value="Blue"/>
190     <xsd:enumeration value="Cyan"/>
191     <xsd:enumeration value="Magenta"/>
192     <xsd:enumeration value="Yellow"/>
193     <xsd:enumeration value="Orange"/>
194   </xsd:restriction>
195 </xsd:simpleType>
196
197 <xsd:simpleType name="FinisherTypeWKV">
198   <!-- finisher type -->
199   <!-- see FinDeviceTypeTC in [RFC3806] and [IANA-FIN] -->
200   <xsd:restriction base="xsd:NMTOKEN">
201     <xsd:enumeration value="Other"/>
202     <xsd:enumeration value="Unknown"/>
203     <xsd:enumeration value="Stitcher"/>
204     <xsd:enumeration value="Folder"/>
205     <xsd:enumeration value="Binder"/>
206     <xsd:enumeration value="Trimmer"/>
207     <xsd:enumeration value="DieCutter"/>
208     <xsd:enumeration value="Puncher"/>
209     <xsd:enumeration value="Perforater"/>
210     <xsd:enumeration value="Slitter"/>
211     <xsd:enumeration value="SeparationCutter"/>
212     <xsd:enumeration value="Imprinter"/>
213     <xsd:enumeration value="Wrapper"/>
214     <xsd:enumeration value="Bander"/>
215     <xsd:enumeration value="MakeEnvelope"/>
216     <xsd:enumeration value="Stacker"/>
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217     <xsd:enumeration value="SheetRotator"/>
218     <xsd:enumeration value="Inserter"/>
219   </xsd:restriction>
220 </xsd:simpleType>
221
222 <xsd:simpleType name="InputChannelTypeWKV">
223   <!-- input channel type (protocol) -->
224   <!-- see PprtChannelTypeTC in [RFC3805] and [IANA-PRT] -->
225   <xsd:restriction base="xsd:NMTOKEN">
226     <xsd:enumeration value="Other"/>
227     <xsd:enumeration value="Unknown"/>
228     <xsd:enumeration value="SerialPort"/>
229     <xsd:enumeration value="ParallelPort"/>
230     <xsd:enumeration value="IEEE1284Port"/>
231     <xsd:enumeration value="SCSIPort"/>
232     <xsd:enumeration value="AppleTalkPAP"/>
233     <xsd:enumeration value="LPDServer"/>
234     <xsd:enumeration value="NetwareRPrinter"/>
235     <xsd:enumeration value="NetwarePServer"/>
236     <xsd:enumeration value="Port9100"/>
237     <xsd:enumeration value="AppSocket"/>
238     <xsd:enumeration value="FTP"/>
239     <xsd:enumeration value="TFTP"/>
240     <xsd:enumeration value="DLCLLCPort"/>
241     <xsd:enumeration value="IBM3270"/>
242     <xsd:enumeration value="IBM5250"/>
243     <xsd:enumeration value="Fax"/>
244     <xsd:enumeration value="IEEE1394"/>
245     <xsd:enumeration value="Transport1"/>
246     <xsd:enumeration value="CPAP"/>
247     <xsd:enumeration value="DCERemoteProcCall"/>
248     <xsd:enumeration value="ONCRemoteProcCall"/>
249     <xsd:enumeration value="OLE"/>
250     <xsd:enumeration value="NamedPipe"/>
251     <xsd:enumeration value="PCPrint"/>
252     <xsd:enumeration value="ServerMessageBlock"/>
253     <xsd:enumeration value="DPMF"/>
254     <xsd:enumeration value="DLLAPI"/>
255     <xsd:enumeration value="VxDAPI"/>
256     <xsd:enumeration value="SystemObjectManager"/>
257     <xsd:enumeration value="DECLAT"/>
258     <xsd:enumeration value="NPAP"/>
259     <xsd:enumeration value="USB"/>
260     <xsd:enumeration value="IRDA"/>
261     <xsd:enumeration value="PrintXChange"/>
262     <xsd:enumeration value="PortTCP"/>
263     <xsd:enumeration value="BidirPortTCP"/>
264     <xsd:enumeration value="UNPP"/>
265     <xsd:enumeration value="AppleTalkADSP"/>
266     <xsd:enumeration value="PortSPX"/>
267     <xsd:enumeration value="PortHTTP"/>
268     <xsd:enumeration value="NDPS"/>
269     <xsd:enumeration value="IPP"/>
270     <xsd:enumeration value="SMTP"/>
```

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271     </xsd:restriction>
272 </xsd:simpleType>
273
274 <xsd:simpleType name="InputTrayTypeWKV">
275     <!-- input tray type -->
276     <!-- see PrtInputTypeTC in [RFC3805] and [IANA-PRT] -->
277     <xsd:restriction base="xsd:NMTOKEN">
278         <xsd:enumeration value="Other" />
279         <xsd:enumeration value="Unknown" />
280         <xsd:enumeration value="SheetFeedAutoRemovableTray" />
281         <xsd:enumeration value="SheetFeedAutoNonRemovableTray" />
282         <xsd:enumeration value="SheetFeedManual" />
283         <xsd:enumeration value="ContinuousRoll" />
284         <xsd:enumeration value="ContinuousFanFold" />
285     </xsd:restriction>
286 </xsd:simpleType>
287
288 <xsd:simpleType name="InterfaceAdminStateWKV">
289     <!-- interface admin state (desired) -->
290     <!-- see ifAdminStatus in [RFC2863] -->
291     <xsd:restriction base="xsd:NMTOKEN">
292         <xsd:enumeration value="Up" />
293         <xsd:enumeration value="Down" />
294         <xsd:enumeration value="Testing" />
295     </xsd:restriction>
296 </xsd:simpleType>
297
298 <xsd:simpleType name="InterfaceOperStateWKV">
299     <!-- interface operational state (current) -->
300     <!-- see ifOperStatus in [RFC2863] -->
301     <xsd:restriction base="xsd:NMTOKEN">
302         <xsd:enumeration value="Up" />
303         <xsd:enumeration value="Down" />
304         <xsd:enumeration value="Testing" />
305         <xsd:enumeration value="Unknown" />
306         <xsd:enumeration value="Dormant" />
307         <xsd:enumeration value="NotPresent" />
308         <xsd:enumeration value="LowerLayerDown" />
309     </xsd:restriction>
310 </xsd:simpleType>
311
312 <xsd:simpleType name="InterpreterLanguageFamilyWKV">
313     <!-- interpreter PDL lanaguage family -->
314     <!-- see PrtInterpreterLangFamilyTC in [RFC3805] and [IANA-PRT] -->
315     <xsd:restriction base="xsd:NMTOKEN">
316         <xsd:enumeration value="Other" />
317         <xsd:enumeration value="Unknown" />
318         <xsd:enumeration value="LangPCL" />
319         <xsd:enumeration value="LangHPGL" />
320         <xsd:enumeration value="LangPJL" />
321         <xsd:enumeration value="LangPS" />
322         <xsd:enumeration value="LangIPDS" />
323         <xsd:enumeration value="LangPPDS" />
324         <xsd:enumeration value="LangEscapeP" />
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325 <xsd:enumeration value="LangEpson"/>
326 <xsd:enumeration value="LangDDIF"/>
327 <xsd:enumeration value="LangInterpress"/>
328 <xsd:enumeration value="LangISO6429"/>
329 <xsd:enumeration value="LangLineData"/>
330 <xsd:enumeration value="LangMODCA"/>
331 <xsd:enumeration value="LangREGIS"/>
332 <xsd:enumeration value="LangSCS"/>
333 <xsd:enumeration value="LangSPDL"/>
334 <xsd:enumeration value="LangTEK4014"/>
335 <xsd:enumeration value="LangPDS"/>
336 <xsd:enumeration value="LangIGP"/>
337 <xsd:enumeration value="LangCodeV"/>
338 <xsd:enumeration value="LangDSCDSE"/>
339 <xsd:enumeration value="LangWPS"/>
340 <xsd:enumeration value="LangLN03"/>
341 <xsd:enumeration value="LangCCITT"/>
342 <xsd:enumeration value="LangQUIC"/>
343 <xsd:enumeration value="LangCPAP"/>
344 <xsd:enumeration value="LangDecPPL"/>
345 <xsd:enumeration value="LangSimpleText"/>
346 <xsd:enumeration value="LangNPAP"/>
347 <xsd:enumeration value="LangDOC"/>
348 <xsd:enumeration value="LangimPress"/>
349 <xsd:enumeration value="LangPinwriter"/>
350 <xsd:enumeration value="LangNPD"/>
351 <xsd:enumeration value="LangNEC201PL"/>
352 <xsd:enumeration value="LangAutomatic"/>
353 <xsd:enumeration value="LangPages"/>
354 <xsd:enumeration value="LangLIPS"/>
355 <xsd:enumeration value="LangTIFF"/>
356 <xsd:enumeration value="LangDiagnostic"/>
357 <xsd:enumeration value="LangPSPrinter"/>
358 <xsd:enumeration value="LangCaPSL"/>
359 <xsd:enumeration value="LangEXCL"/>
360 <xsd:enumeration value="LangLCDS"/>
361 <xsd:enumeration value="LangXES"/>
362 <xsd:enumeration value="LangPCLXL"/>
363 <xsd:enumeration value="LangART"/>
364 <xsd:enumeration value="LangTIPSI"/>
365 <xsd:enumeration value="LangPrescribe"/>
366 <xsd:enumeration value="LangLinePrinter"/>
367 <xsd:enumeration value="LangIDP"/>
368 <xsd:enumeration value="LangXJCL"/>
369 <xsd:enumeration value="LangPDF"/>
370 <xsd:enumeration value="LangRPDL"/>
371 <xsd:enumeration value="LangIntermecIPL"/>
372 <xsd:enumeration value="LangUBIFingerprint"/>
373 <xsd:enumeration value="LangUBIDirectProtocol"/>
374 <xsd:enumeration value="LangFujitsu"/>
375 <xsd:enumeration value="LangCGM"/>
376 <xsd:enumeration value="LangJPEG"/>
377 <xsd:enumeration value="LangCALSI1"/>
378 <xsd:enumeration value="LangCALSI2"/>
```

```
379     <xsd:enumeration value="LangNIRS"/>
380     <xsd:enumeration value="LangC4"/>
381   </xsd:restriction>
382 </xsd:simpleType>
383
384 <xsd:complexType name="InterpreterLanguageSupported">
385   <!-- list of interpreter PDL language families supported -->
386   <xsd:sequence>
387     <xsd:element name="InterpreterLanguage"
388       type="InterpreterLanguageFamilyWKV"
389       minOccurs="0" maxOccurs="unbounded"/>
390   </xsd:sequence>
391 </xsd:complexType>
392
393 <xsd:simpleType name="InterpreterPageOrientationWKV">
394   <!-- interpreter page orientation default (portrait or landscape) -->
395   <!-- see PrtPrintOrientationTC in [RFC3805] -->
396   <xsd:restriction base="xsd:NMTOKEN">
397     <xsd:enumeration value="Other"/>
398     <xsd:enumeration value="Unknown"/>
399     <xsd:enumeration value="Portrait"/>
400     <xsd:enumeration value="Landscape"/>
401   </xsd:restriction>
402 </xsd:simpleType>
403
404 <xsd:simpleType name="MarkerTechnologyWKV">
405   <!-- marking technology for this marker subunit -->
406   <!-- see PrtMarkerMarkTechTC in [RFC3805] and [IANA-PRT] -->
407   <xsd:restriction base="xsd:NMTOKEN">
408     <xsd:enumeration value="Other"/>
409     <xsd:enumeration value="Unknown"/>
410     <xsd:enumeration value="ElectrophotographicLED"/>
411     <xsd:enumeration value="ElectrophotographicLaser"/>
412     <xsd:enumeration value="ElectrophotographicOther"/>
413     <xsd:enumeration value="ImpactMovingHeadDotMatrix9Pin"/>
414     <xsd:enumeration value="ImpactMovingHeadDotMatrix24Pin"/>
415     <xsd:enumeration value="ImpactMovingHeadDotMatrixOther"/>
416     <xsd:enumeration value="ImpactMovingHeadFullyFormed"/>
417     <xsd:enumeration value="ImpactBand"/>
418     <xsd:enumeration value="ImpactOther"/>
419     <xsd:enumeration value="InkjetAqueous"/>
420     <xsd:enumeration value="InkjetSolid"/>
421     <xsd:enumeration value="InkjetOther"/>
422     <xsd:enumeration value="Pen"/>
423     <xsd:enumeration value="ThermalTransfer"/>
424     <xsd:enumeration value="ThermalSensitive"/>
425     <xsd:enumeration value="ThermalDiffusion"/>
426     <xsd:enumeration value="ThermalOther"/>
427     <xsd:enumeration value="Electroerosion"/>
428     <xsd:enumeration value="Electrostatic"/>
429     <xsd:enumeration value="PhotographicMicrofiche"/>
430     <xsd:enumeration value="PhotographicImagesetter"/>
431     <xsd:enumeration value="PhotographicOther"/>
432     <xsd:enumeration value="IonDeposition"/>
```



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433     <xsd:enumeration value="EBeam"/>
434     <xsd:enumeration value="Typesetter"/>
435   </xsd:restriction>
436 </xsd:simpleType>
437
438 <xsd:simpleType name="MarkerColorantRoleWKV">
439   <!-- marker colorant role (process, spot, etc.) -->
440   <!-- see PrtMarkerColorantRoleTC in [RFC3805] -->
441   <xsd:restriction base="xsd:NMTOKEN">
442     <xsd:enumeration value="Other"/>
443     <xsd:enumeration value="Unknown"/>
444     <xsd:enumeration value="Process"/>
445     <xsd:enumeration value="Spot"/>
446   </xsd:restriction>
447 </xsd:simpleType>
448
449 <xsd:simpleType name="MarkerSupplyCapacityUnitWKV">
450   <!-- marker supply capacity/level unit -->
451   <!-- see PrtMarkerSuppliesSupplyUnitTC in [RFC3805] -->
452   <xsd:restriction base="xsd:NMTOKEN">
453     <xsd:enumeration value="Other"/>
454     <xsd:enumeration value="Unknown"/>
455     <xsd:enumeration value="TenThousandthsOfInches"/>
456     <xsd:enumeration value="Micrometers"/>
457     <xsd:enumeration value="Impressions"/>
458     <xsd:enumeration value="Sheets"/>
459     <xsd:enumeration value="Hours"/>
460     <xsd:enumeration value="ThousandthsOfOunces"/>
461     <xsd:enumeration value="TenthsOfGrams"/>
462     <xsd:enumeration value="HundrethsOfFluidOunces"/>
463     <xsd:enumeration value="TenthsOfMilliliters"/>
464     <xsd:enumeration value="Feet"/>
465     <xsd:enumeration value="Meters"/>
466     <xsd:enumeration value="Items"/>
467     <xsd:enumeration value="Percent"/>
468   </xsd:restriction>
469 </xsd:simpleType>
470
471 <xsd:simpleType name="MarkerSupplyClassWKV">
472   <!-- marker supply class -->
473   <!-- see PrtMarkerSuppliesClassTC in [RFC3805] -->
474   <xsd:restriction base="xsd:NMTOKEN">
475     <xsd:enumeration value="Other"/>
476     <xsd:enumeration value="Unknown"/>
477     <xsd:enumeration value="SupplyThatIsConsumed"/>
478     <xsd:enumeration value="ReceptacleThatIsFilled"/>
479   </xsd:restriction>
480 </xsd:simpleType>
481
482 <xsd:simpleType name="MarkerSupplyTypeWKV">
483   <!-- marker supply type -->
484   <!-- see PrtMarkerSuppliesTypeTC in [RFC3805] and [IANA-PRT] -->
485   <xsd:restriction base="xsd:NMTOKEN">
486     <xsd:enumeration value="Other"/>
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487     <xsd:enumeration value="Unknown"/>
488     <xsd:enumeration value="Toner"/>
489     <xsd:enumeration value="WasteToner"/>
490     <xsd:enumeration value="Ink"/>
491     <xsd:enumeration value="InkCartridge"/>
492     <xsd:enumeration value="InkRibbon"/>
493     <xsd:enumeration value="WasteInk"/>
494     <xsd:enumeration value="Opc"/>
495     <xsd:enumeration value="Developer"/>
496     <xsd:enumeration value="FuserOil"/>
497     <xsd:enumeration value="SolidWax"/>
498     <xsd:enumeration value="RibbonWax"/>
499     <xsd:enumeration value="WasteWax"/>
500     <xsd:enumeration value="Fuser"/>
501     <xsd:enumeration value="CoronaWire"/>
502     <xsd:enumeration value="FuserOilWick"/>
503     <xsd:enumeration value="CleanerUnit"/>
504     <xsd:enumeration value="FuserCleaningPad"/>
505     <xsd:enumeration value="TransferUnit"/>
506     <xsd:enumeration value="TonerCartridge"/>
507     <xsd:enumeration value="FuserOiler"/>
508
509     <!-- Finisher [RFC3806] supplies from Printer MIB v2 [RFC3805] -->
510     <xsd:enumeration value="Water"/>
511     <xsd:enumeration value="WasteWater"/>
512     <xsd:enumeration value="GlueWaterAdditive"/>
513     <xsd:enumeration value="WastePaper"/>
514     <xsd:enumeration value="BindingsSupply"/>
515     <xsd:enumeration value="BandingSupply"/>
516     <xsd:enumeration value="StitchingWire"/>
517     <xsd:enumeration value="ShrinkWrap"/>
518     <xsd:enumeration value="PaperWrap"/>
519     <xsd:enumeration value="Staples"/>
520     <xsd:enumeration value="Inserts"/>
521     <xsd:enumeration value="Covers"/>
522 </xsd:restriction>
523 </xsd:simpleType>
524
525 <xsd:simpleType name="MediaPathMaxSpeedUnitWKV">
526     <!-- media path maximum speed unit -->
527     <!-- see PrtMediaPathMaxSpeedPrintUnitTC in [RFC3805] -->
528     <xsd:restriction base="xsd:NMTOKEN">
529         <xsd:enumeration value="Other"/>
530         <xsd:enumeration value="Unknown"/>
531         <xsd:enumeration value="TenThousandthsOfInchesPerHour"/>
532         <xsd:enumeration value="MicrometersPerHour"/>
533         <xsd:enumeration value="CharactersPerHour"/>
534         <xsd:enumeration value="LinesPerHour"/>
535         <xsd:enumeration value="ImpressionsPerHour"/>
536         <xsd:enumeration value="SheetsPerHour"/>
537         <xsd:enumeration value="DotRowPerHour"/>
538         <xsd:enumeration value="FeetPerHour"/>
539         <xsd:enumeration value="MetersPerHour"/>
540     </xsd:restriction>
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```
541 </xsd:simpleType>
542
543 <xsd:simpleType name="MediaPathTypeWKV">
544   <!-- media path type -->
545   <!-- see PrtMediaPathTypeTC in [RFC3805] and [IANA-PRT] -->
546   <xsd:restriction base="xsd:NMTOKEN">
547     <xsd:enumeration value="Other" />
548     <xsd:enumeration value="Unknown" />
549     <xsd:enumeration value="LongEdgeBindingDuplex" />
550     <xsd:enumeration value="ShortEdgeBindingDuplex" />
551     <xsd:enumeration value="Simplex" />
552   </xsd:restriction>
553 </xsd:simpleType>
554
555 <xsd:simpleType name="OutputTrayPageDeliveryOrientationWKV">
556   <!-- output tray page delivery orientation (face up, etc.) -->
557   <!-- see PrtOutputPageDeliveryOrientationTC in [RFC3805] -->
558   <xsd:restriction base="xsd:NMTOKEN">
559     <xsd:enumeration value="Other" />
560     <xsd:enumeration value="Unknown" />
561     <xsd:enumeration value="FaceUp" />
562     <xsd:enumeration value="FaceDown" />
563   </xsd:restriction>
564 </xsd:simpleType>
565
566 <xsd:simpleType name="OutputTrayStackingOrderWKV">
567   <!-- output tray stacking order (first to last, etc.) -->
568   <!-- see PrtOutputStackingOrderTC in [RFC3805] -->
569   <xsd:restriction base="xsd:NMTOKEN">
570     <xsd:enumeration value="Other" />
571     <xsd:enumeration value="Unknown" />
572     <xsd:enumeration value="FirstToLast" />
573     <xsd:enumeration value="LastToFirst" />
574   </xsd:restriction>
575 </xsd:simpleType>
576
577 <xsd:simpleType name="OutputTrayTypeWKV">
578   <!-- output tray type -->
579   <!-- see PrtOutputTypeTC in [RFC3805] and [IANA-PRT] -->
580   <xsd:restriction base="xsd:NMTOKEN">
581     <xsd:enumeration value="Other" />
582     <xsd:enumeration value="Unknown" />
583     <xsd:enumeration value="RemovableBin" />
584     <xsd:enumeration value="UnremovableBin" />
585     <xsd:enumeration value="ContinuousRollDevice" />
586     <xsd:enumeration value="MailBox" />
587     <xsd:enumeration value="ContinuousFanFold" />
588   </xsd:restriction>
589 </xsd:simpleType>
590
591 <!--           -->
592 <!-- subunit element definitions -->
593 <!--           -->
594
```

```
595
596 <xsd:element name="ConsoleId" type="ObjectIdentifier16"/>
597   <!-- console local unique integer key -->
598   <!-- (missing element in Printer MIB v2 [RFC3805]) -->
599
600 <xsd:element name="ConsoleNaturalLanguage" type="ObjectStringsShort"/>
601   <!-- console natural language for text -->
602   <!-- see IETF Tags for the Identification of Languages [RFC3066] -->
603   <!-- see prtConsoleLocalization in [RFC3805] -->
604
605 <xsd:element name="ConsoleNumberOfDisplayLines"
606   type="ObjectCounter16"/>
607   <!-- console number of display lines or zero -->
608   <!-- see prtConsoleNumberOfDisplayLines in [RFC3805] -->
609
610 <xsd:element name="ConsoleNumberOfDisplayChars"
611   type="ObjectCounter16"/>
612   <!-- console number of display characters per line or zero -->
613   <!-- see prtConsoleNumberOfDisplayChars in [RFC3805] -->
614
615 <xsd:element name="ConsoleDisable" type="xsd:boolean"/>
616   <!-- console disable input from operator -->
617   <!-- see PrtConsoleDisableTC in [RFC3805] -->
618   <!-- see prtConsoleDisable in (boolean) [RFC3805] -->
619
620 <xsd:element name="ConsoleDisplayBuffer" type="ConsoleDisplayBuffer"/>
621   <!-- console display buffer -->
622   <!-- see prtConsoleDisplayBufferTable in [RFC3805] -->
623
624 <xsd:element name="ConsoleDisplayBufferText"
625   type="ObjectStringLong"/>
626   <!-- console display buffer text (one line) -->
627   <!-- see prtConsoleDisplayBufferText in [RFC3805] -->
628
629 <xsd:element name="ConsoleLights" type="ConsoleLights"/>
630   <!-- console lights -->
631   <!-- see prtConsoleLightTable in [RFC3805] -->
632
633 <xsd:element name="ConsoleLightOnTime" type="ObjectCounter32"/>
634   <!-- console light on time (in milliseconds) or zero -->
635   <!-- see prtConsoleOnTime in [RFC3805] -->
636
637 <xsd:element name="ConsoleLightOffTime" type="ObjectCounter32"/>
638   <!-- console light off time (in milliseconds) or zero -->
639   <!-- see prtConsoleOffTime in [RFC3805] -->
640
641 <xsd:element name="ConsoleLightColor" type="ConsoleLightColorWKV"/>
642   <!-- console light color -->
643   <!-- see prtConsoleColor in [RFC3805] -->
644
645 <xsd:element name="ConsoleLightInfo" type="ObjectStringLong"/>
646   <!-- console light vendor-supplied description -->
647   <!-- (in locale specified by ConsoleNaturalLanguage) -->
648   <!-- see prtConsoleDescription in [RFC3805] -->
```

```
649
650 <xsd:element name="CoverId" type="ObjectIdentifier16"/>
651   <!-- cover local unique integer key -->
652   <!-- see prtCoverIndex in [RFC3805] -->
653
654 <xsd:element name="CoverStates" type="SubunitStates"/>
655   <!-- cover states and conditions -->
656   <!-- see PrtSubUnitStatusTC in [RFC3805] -->
657   <!-- see prtCoverStatus (bit-mask) in [RFC3805] -->
658
659 <xsd:element name="CoverInfo" type="ObjectStringLong"/>
660   <!-- cover vendor-supplied description -->
661   <!-- (in locale specified by SystemNaturalLanguage) -->
662   <!-- see prtCoverDescription in [RFC3805] -->
663
664 <xsd:element name="FinisherId" type="ObjectIdentifier16"/>
665   <!-- finisher local unique integer key -->
666   <!-- see finDeviceIndex in [RFC3806] -->
667
668 <xsd:element name="FinisherStates" type="SubunitStates"/>
669   <!-- finisher states and conditions -->
670   <!-- see PrtSubUnitStatusTC in [RFC3805] -->
671   <!-- see finDeviceStatus (bit-mask) in [RFC3806] -->
672
673 <xsd:element name="FinisherPresentOnOff" type="SubunitPresentOnOffWKV"/>
674   <!-- finisher present/on/off -->
675   <!-- see PresentOnOff in [RFC3805] and [IANA-PRT] -->
676   <!-- see finDevicePresentOnOff in [RFC3806] -->
677
678 <xsd:element name="FinisherCapacityUnit"
679   type="SubunitCapacityUnitWKV"/>
680   <!-- finisher capacity/level unit -->
681   <!-- see finDeviceCapacityUnit in [RFC3806] -->
682   <!-- see PrtCapacityUnitTC in [RFC3805] -->
683
684 <xsd:element name="FinisherMaxCapacityBasis"
685   type="ObjectCounterBasisWKV"/>
686   <!-- finisher maximum capacity basis (i.e., accuracy) -->
687   <!-- see finDeviceMaxCapacity in [RFC3806] -->
688
689 <xsd:element name="FinisherMaxCapacity" type="ObjectCounter32"/>
690   <!-- finisher maximum capacity -->
691   <!-- (in units specified by FinisherCapacityUnit) -->
692   <!-- see finDeviceMaxCapacity in [RFC3806] -->
693
694 <xsd:element name="FinisherCurrentCapacity" type="ObjectCounter32"/>
695   <!-- finisher current capacity -->
696   <!-- (in units specified by FinisherCapacityUnit) -->
697   <!-- see finDeviceCurrentCapacity in [RFC3806] -->
698
699 <xsd:element name="FinisherAssociatedMediaPaths"
700   type="ObjectStringShort"/>
701   <!-- finisher associated media paths -->
702   <!-- (bit-mask of values of MediaPathId) -->
```

```
703     <!-- see finDeviceAssociatedMediaPaths (bit-mask) in [RFC3806] -->
704
705 <xsd:element name="FinisherAssociatedOutputTrays"
706     type="ObjectStringShort" />
707     <!-- finisher associated output trays -->
708     <!-- (bit-mask of values of OutputTrayId) -->
709     <!-- see finDeviceAssociatedOutputs (bit-mask) in [RFC3806] -->
710
711 <xsd:element name="FinisherType" type="FinisherTypeWKV" />
712     <!-- finisher type -->
713     <!-- see FinDeviceTypeTC in [RFC3806] and [IANA-FIN] -->
714     <!-- see finDeviceType in [RFC3806] -->
715
716 <xsd:element name="FinisherInfo" type="ObjectStringLong" />
717     <!-- finisher vendor-supplied description -->
718     <!-- (in locale specified by SystemNaturalLanguage) -->
719     <!-- see finDeviceDescription in [RFC3806] -->
720
721 <xsd:element name="FinisherSupplyId" type="ObjectIdentifier16" />
722     <!-- finisher supply local unique integer key -->
723     <!-- see finSupplyIndex in [RFC3806] -->
724
725 <xsd:element name="FinisherSupplyCurrentLevelBasis"
726     type="ObjectCounterBasisWKV" />
727     <!-- finisher supply current level basis (i.e., accuracy) -->
728     <!-- see finSupplyCurrentLevel in [RFC3806] -->
729
730 <xsd:element name="FinisherSupplyCurrentLevel" type="ObjectCounter32" />
731     <!-- finisher supply current level -->
732     <!-- (in units specified by FinisherSupplyCapacityUnit) -->
733     <!-- see finSupplyCurrentLevel in [RFC3806] -->
734
735 <xsd:element name="FinisherSupplyClass" type="MarkerSupplyClassWKV" />
736     <!-- finisher supply class -->
737     <!-- see PrtMarkerSuppliesClassTC in [RFC3805] -->
738     <!-- see finSupplyClass in [RFC3806] -->
739
740 <xsd:element name="FinisherSupplyType" type="MarkerSupplyTypeWKV" />
741     <!-- finisher supply type -->
742     <!-- see PrtMarkerSuppliesTypeTC in [RFC3805] -->
743     <!-- see finSupplyType in [RFC3806] -->
744
745 <xsd:element name="FinisherSupplyInfo" type="ObjectStringLong" />
746     <!-- finisher supply vendor-supplied description -->
747     <!-- (in locale specified by SystemNaturalLanguage) -->
748     <!-- see finSupplyDescription in [RFC3806] -->
749
750 <xsd:element name="FinisherSupplyColorName" type="ObjectStringLong" />
751     <!-- finisher supply vendor-supplied color name -->
752     <!-- see Media Color Names section 4 in [PWG5101.1] -->
753     <!-- see finSupplyColorName in [RFC3806] -->
754
755 <xsd:element name="FinisherSupplyCapacityUnit"
756     type="MarkerSupplyCapacityUnitWKV" />
```

```
757     <!-- finisher supply capacity/level unit -->
758     <!-- see PrtMarkerSuppliesSupplyUnitTC in [RFC3805] -->
759     <!-- see finSupplyUnit in [RFC3806] -->
760
761     <xsd:element name="FinisherSupplyMaxCapacityBasis"
762       type="ObjectCounterBasisWKV" />
763     <!-- finisher supply maximum capacity basis (i.e., accuracy) -->
764     <!-- see finSupplyMaxCapacity in [RFC3806] -->
765
766     <xsd:element name="FinisherSupplyMaxCapacity" type="ObjectCounter32" />
767     <!-- finisher supply maximum capacity -->
768     <!-- (in units specified by MarkerSupplyCapacityUnit) -->
769     <!-- see finSupplyMaxCapacity in [RFC3806] -->
770
771     <xsd:element name="FinisherSupplyMediaInputId"
772       type="ObjectIdentifier16" />
773     <!-- finisher supply media input local unique integer key -->
774     <!-- see finSupplyMediaInputIndex in [RFC3806] -->
775
776     <xsd:element name="FinisherSupplyMediaInputStates"
777       type="SubunitStates" />
778     <!-- finisher supply media input states and conditions -->
779     <!-- see PrtSubUnitStatusTC in [RFC3805] -->
780     <!-- see finSupplyMediaInputStatus (bit-mask) in [RFC3806] -->
781
782     <xsd:element name="FinisherSupplyMediaInputSecurity"
783       type="SubunitPresentOnOffWKV" />
784     <!-- finisher supply media input security present/on/off -->
785     <!-- see PresentOnOff in [RFC3805] -->
786     <!-- see finSupplyMediaInputSecurity (PresentOnOff) in [RFC3806] -->
787
788     <xsd:element name="FinisherSupplyMediaInputMediaSizeName"
789       type="ObjectStringShort" />
790     <!-- finisher supply media input current media size name -->
791     <!-- see Media Size Self-Describing Names section 5 in [PWG5101.1] -->
792     <!-- see finSupplyMediaInputMediaName in [RFC3806] -->
793     <!-- see finSupplyMediaInputDimUnit in [RFC3806] -->
794     <!-- see finSupplyMediaInputMediaDimFeedDir in [RFC3806] -->
795     <!-- see finSupplyMediaInputMediaDimXFeedDir in [RFC3806] -->
796
797     <xsd:element name="FinisherSupplyMediaInputMediaType"
798       type="ObjectStringShort" />
799     <!-- finisher supply media input current media type -->
800     <!-- see Media Type Names section 3 in [PWG5101.1] -->
801     <!-- see finSupplyMediaInputMediaType in [RFC3806] -->
802
803     <xsd:element name="FinisherSupplyMediaInputMediaInfo"
804       type="ObjectStringLong" />
805     <!-- finisher supply media input current media info (weight, etc.) -->
806     <!-- see Media Type Names section 3 in [PWG5101.1] -->
807     <!-- see finSupplyMediaInputMediaWeight in [RFC3806] -->
808     <!-- see finSupplyMediaInputMediaThickness in [RFC3806] -->
809
810     <xsd:element name="FinisherSupplyMediaInputType"
```

```
811     type="InputTrayTypeWKV" />
812     <!-- finisher supply media input tray type -->
813     <!-- see PrtInputTypeTC in [RFC3805] -->
814     <!-- see finSupplyMediaInputType in [RFC3806] -->
815
816     <xsd:element name="FinisherSupplyMediaInputInfo"
817         type="ObjectStringLong" />
818     <!-- finisher supply media input vendor-supplied description -->
819     <!-- (in locale specified by SystemNaturalLanguage) -->
820     <!-- see finSupplyMediaInputDescription in [RFC3806] -->
821
822     <xsd:element name="FinisherSupplyMediaInputName"
823         type="ObjectStringsShort" />
824     <!-- finisher supply media input local name for management -->
825     <!-- see finSupplyMediaInputName in [RFC3806] -->
826
827     <xsd:element name="InputChannelId" type="ObjectIdentifier16" />
828     <!-- input channel local unique integer key -->
829     <!-- see prtChannelIndex in [RFC3805] -->
830
831     <xsd:element name="InputChannelStates" type="SubunitStates" />
832     <!-- input channel states and conditions -->
833     <!-- see PrtSubUnitStatusTC in [RFC3805] -->
834     <!-- see prtChannelStatus (bit-mask) in [RFC3805] -->
835
836     <xsd:element name="InputChannelIsAcceptingJobs" type="xsd:boolean" />
837     <!-- input channel is accepting jobs (if true) -->
838     <!-- see PrtChannelStateTC in [RFC3805] -->
839     <!-- see prtChannelState (boolean) in [RFC3805] -->
840
841     <xsd:element name="InputChannelInterfaceId" type="ObjectPointer32" />
842     <!-- input channel network interface ID or zero -->
843     <!-- see InterfaceIndexOrZero in [RFC2863] -->
844     <!-- see prtChannelIfIndex in [RFC3805] -->
845
846     <xsd:element name="InputChannelDefaultJobControlLanguageId"
847         type="ObjectPointer16" />
848     <!-- input channel job control language interpreter ID or zero -->
849     <!-- see prtChannelCurrentJobCntlLangIndex in [RFC3805] -->
850
851     <xsd:element name="InputChannelDefaultPageDescriptionLanguageId"
852         type="ObjectPointer16" />
853     <!-- input channel PDL interpreter ID or zero -->
854     <!-- see prtChannelDefaultPageDescLangIndex in [RFC3805] -->
855
856     <xsd:element name="InputChannelType" type="InputChannelTypeWKV" />
857     <!-- input channel type -->
858     <!-- see PrtChannelTypeTC in [RFC3805] and [IANA-PRT] -->
859     <!-- see prtChannelType in [RFC3805] -->
860
861     <xsd:element name="InputChannelProtocolVersion"
862         type="ObjectStringShort" />
863     <!-- input channel protocol version (refines InputChannelType) -->
864     <!-- see prtChannelProtocolVersion in [RFC3805] -->
```



```
865
866 <xsd:element name="InputChannelInfo" type="ObjectStringLong"/>
867   <!-- input channel vendor-supplied description -->
868   <!-- (in locale specified by SystemNaturalLanguage) -->
869   <!-- (missing element in Printer MIB v2 [RFC3805]) -->
870
871 <xsd:element name="InputChannelAuxInfo" type="ObjectStringLong"/>
872   <!-- input channel auxiliary information in a structured string -->
873   <!-- see PrtChannelTypeTC in [RFC3805] and [IANA-PRT] -->
874   <!-- see prtChannelInformation in [RFC3805] -->
875
876 <xsd:element name="InputTrayId" type="ObjectIdentifier16"/>
877   <!-- input tray local unique integer key -->
878   <!-- see prtInputIndex in [RFC3805] -->
879
880 <xsd:element name="InputTrayStates" type="SubunitStates"/>
881   <!-- input tray states and conditions -->
882   <!-- see PrtSubUnitStatusTC in [RFC3805] -->
883   <!-- see prtInputStatus (bit-mask) in [RFC3805] -->
884
885 <xsd:element name="InputTraySecurity" type="SubunitPresentOnOffWKV"/>
886   <!-- input tray security present/on/off -->
887   <!-- see PresentOnOff in [RFC3805] -->
888   <!-- see prtInputSecurity (PresentOnOff) in [RFC3805] -->
889
890 <xsd:element name="InputTrayMediaSizeName" type="ObjectStringShort"/>
891   <!-- input tray current media size name -->
892   <!-- see Media Size Self-Describing Names section 5 in [PWG5101.1] -->
893   <!-- see prtInputMediaName in [RFC3805] -->
894   <!-- see prtInputDimUnit in [RFC3805] -->
895   <!-- see prtInputMediaDimFeedDirDeclared in [RFC3805] -->
896   <!-- see prtInputMediaDimXFeedDirDeclared in [RFC3805] -->
897   <!-- see prtInputMediaDimFeedDirChosen in [RFC3805] -->
898   <!-- see prtInputMediaDimXFeedDirChosen in [RFC3805] -->
899
900 <xsd:element name="InputTrayMediaType" type="ObjectStringShort"/>
901   <!-- input tray current media type -->
902   <!-- see Media Type Names section 3 in [PWG5101.1] -->
903   <!-- see prtInputMediaType in [RFC3805] -->
904
905 <xsd:element name="InputTrayMediaInfo" type="ObjectStringLong"/>
906   <!-- input tray current media info (weight, color, etc.) -->
907   <!-- see Media Type Names section 3 in [PWG5101.1] -->
908   <!-- see prtInputMediaWeight in [RFC3805] -->
909   <!-- see prtInputMediaColor in [RFC3805] -->
910   <!-- see prtInputMediaFormParts in [RFC3805] -->
911
912 <xsd:element name="InputTrayCurrentLevelBasis"
913   type="ObjectCounterBasisWKV"/>
914   <!-- input tray current level basis (i.e., accuracy) -->
915   <!-- see prtInputCurrentLevel in [RFC3805] -->
916
917 <xsd:element name="InputTrayCurrentLevel" type="ObjectCounter32"/>
918   <!-- input tray current level -->
```

```
919     <!-- (in units specified by InputTrayCapacityUnit) -->
920     <!-- see prtInputCurrentLevel in [RFC3805] -->
921
922     <xsd:element name="InputTrayMediaLoadTimeoutBasis"
923         type="ObjectCounterBasisWKV" />
924     <!-- input tray media load timeout basis (i.e., accuracy) -->
925     <!-- see prtInputMediaLoadTimeout in [RFC3805] -->
926
927     <xsd:element name="InputTrayMediaLoadTimeout" type="ObjectCounter32" />
928     <!-- input tray media load timeout (in seconds) -->
929     <!-- see prtInputMediaLoadTimeout in [RFC3805] -->
930
931     <xsd:element name="InputTrayNextInputTrayIdBasis"
932         type="ObjectPointerBasisWKV" />
933     <!-- input tray next input tray basis (i.e., accuracy) -->
934     <!-- see prtInputNextIndex in [RFC3805] -->
935
936     <xsd:element name="InputTrayNextInputTrayId" type="ObjectPointer16" />
937     <!-- input tray next input tray (after media load timeout) -->
938     <!-- (a value of '0' means 'None', i.e., no input switching) -->
939     <!-- see prtInputNextIndex in [RFC3805] -->
940
941     <xsd:element name="InputTrayType" type="InputTrayTypeWKV" />
942     <!-- input tray type -->
943     <!-- see PrtInputTypeTC in [RFC3805] -->
944     <!-- see prtInputType in [RFC3805] -->
945
946     <xsd:element name="InputTrayInfo" type="ObjectStringLong" />
947     <!-- input tray vendor-supplied description -->
948     <!-- (in locale specified by SystemNaturalLanguage) -->
949     <!-- see prtInputDescription in [RFC3805] -->
950
951     <xsd:element name="InputTrayName" type="ObjectStringShort" />
952     <!-- input tray local name for management -->
953     <!-- see prtInputName in [RFC3805] -->
954
955     <xsd:element name="InputTrayVendorName" type="ObjectStringShort" />
956     <!-- input tray vendor-supplied name of subunit -->
957     <!-- see prtInputVendorName in [RFC3805] -->
958
959     <xsd:element name="InputTrayModel" type="ObjectStringShort" />
960     <!-- input tray vendor-supplied model of subunit -->
961     <!-- see prtInputModel in [RFC3805] -->
962
963     <xsd:element name="InputTrayVersion" type="ObjectStringShort" />
964     <!-- input tray vendor-supplied version -->
965     <!-- see prtInputVersion in [RFC3805] -->
966
967     <xsd:element name="InputTraySerialNumber" type="ObjectStringShort" />
968     <!-- input tray vendor-supplied serial number of subunit -->
969     <!-- see prtInputSerialNumber in [RFC3805] -->
970
971     <xsd:element name="InputTrayCapacityUnit"
972         type="SubunitCapacityUnitWKV" />
```

```
973     <!-- input tray capacity/level unit -->
974     <!-- see PrtCapacityUnitTC in [RFC3805] -->
975     <!-- see prtInputCapacityUnit in [RFC3805] -->
976
977     <xsd:element name="InputTrayMaxCapacityBasis"
978       type="ObjectCounterBasisWKV" />
979     <!-- input tray maximum capacity basis (i.e., accuracy) -->
980     <!-- see prtInputMaxCapacity in [RFC3805] -->
981
982     <xsd:element name="InputTrayMaxCapacity" type="ObjectCounter32" />
983     <!-- input tray maximum capacity -->
984     <!-- (in units specified by InputTrayCapacityUnit) -->
985     <!-- see prtInputMaxCapacity in [RFC3805] -->
986
987     <xsd:element name="InterfaceId" type="ObjectIdentifier32" />
988     <!-- interface local unique integer key -->
989     <!-- see ifIndex in [RFC2863] -->
990     <!-- see prtChannelIfIndex in [RFC3805] -->
991
992     <xsd:element name="InterfaceHighSpeed" type="xsd:boolean" />
993     <!-- interface high speed mode (counters multiplied by 1,000,000) -->
994     <!-- see ifHighSpeed in [RFC2863] -->
995
996     <xsd:element name="InterfaceAdminState" type="InterfaceAdminStateWKV" />
997     <!-- interface admin state (desired) -->
998     <!-- see ifAdminStatus in [RFC2863] -->
999
1000     <xsd:element name="InterfaceOperState" type="InterfaceOperStateWKV" />
1001     <!-- interface operational state (current) -->
1002     <!-- see ifOperStatus in [RFC2863] -->
1003
1004     <xsd:element name="InterfaceLastChangeDate" type="xsd:dateTime" />
1005     <!-- interface last operational state change date and time -->
1006     <!-- see ifLastChange in [RFC2863] -->
1007
1008     <xsd:element name="InterfacePhysicalAddress" type="ObjectStringLong" />
1009     <!-- interface physical address in text format -->
1010     <!-- see PhysAddress in [RFC2579] -->
1011     <!-- see ifPhysAddress in [RFC2863] -->
1012
1013     <xsd:element name="InterfaceInOctets" type="ObjectCounter32" />
1014     <!-- interface input traffic (in octets) -->
1015     <!-- see ifInOctets in [RFC2863] -->
1016
1017     <xsd:element name="InterfaceInUnicastPackets" type="ObjectCounter32" />
1018     <!-- interface input traffic (in unicast packets) -->
1019     <!-- see ifInUcastPkts in [RFC2863] -->
1020
1021     <xsd:element name="InterfaceInDiscards" type="ObjectCounter32" />
1022     <!-- interface input packet discards -->
1023     <!-- see ifInDiscards in [RFC2863] -->
1024
1025     <xsd:element name="InterfaceInErrors" type="ObjectCounter32" />
1026     <!-- interface input errors -->
```

```
1027     <!-- see ifInErrors in [RFC2863] -->
1028
1029 <xsd:element name="InterfaceInUnknownProtocols"
1030     type="ObjectCounter32"/>
1031     <!-- interface input unknown protocol packets -->
1032     <!-- see ifInUnknownProtos in [RFC2863] -->
1033
1034 <xsd:element name="InterfaceOutOctets" type="ObjectCounter32"/>
1035     <!-- interface output traffic (in octets) -->
1036     <!-- see IfOutOctets in [RFC2863] -->
1037
1038 <xsd:element name="InterfaceOutUnicastPackets" type="ObjectCounter32"/>
1039     <!-- interface output traffic (in unicast packets) -->
1040     <!-- see IfOutUcastPkts in [RFC2863] -->
1041
1042 <xsd:element name="InterfaceOutDiscards" type="ObjectCounter32"/>
1043     <!-- interface output packet discards -->
1044     <!-- see IfOutDiscards in [RFC2863] -->
1045
1046 <xsd:element name="InterfaceOutErrors" type="ObjectCounter32"/>
1047     <!-- interface output errors -->
1048     <!-- see IfOutErrors in [RFC2863] -->
1049
1050 <xsd:element name="InterfaceType" type="ObjectIdentifier32"/>
1051     <!-- interface type -->
1052     <!-- see IANAifType in [RFC2863] and IANA Registry -->
1053     <!-- see ifType in [RFC2863] -->
1054
1055 <xsd:element name="InterfaceInfo" type="ObjectStringLong"/>
1056     <!-- interface vendor-supplied description -->
1057     <!-- (in locale specified by SystemNaturalLanguage) -->
1058     <!-- see ifDescr in [RFC2863] -->
1059
1060 <xsd:element name="InterfaceName" type="ObjectStringLong"/>
1061     <!-- interface local name for management -->
1062     <!-- see ifName in [RFC2863] -->
1063
1064 <xsd:element name="InterfaceMaxPacketSize" type="ObjectCounter32"/>
1065     <!-- interface maximum packet size (in octets) -->
1066     <!-- see ifMtu in [RFC2863] -->
1067
1068 <xsd:element name="InterfaceMaxSpeed" type="ObjectCounter32"/>
1069     <!-- interface maximum speed (in bits per second) -->
1070     <!-- see ifMtu in [RFC2863] -->
1071
1072 <xsd:element name="InterpreterId" type="ObjectIdentifier16"/>
1073     <!-- interpreter local unique integer key -->
1074     <!-- see prtInterpreterIndex in [RFC3805] -->
1075
1076 <xsd:element name="InterpreterDefaultOrientation"
1077     type="InterpreterPageOrientationWKV"/>
1078     <!-- interpreter page orientation default (portrait or landscape) -->
1079     <!-- see PprtPrintOrientationTC in [RFC3805] -->
1080     <!-- see prtInterpreterDefaultOrientation in [RFC3805] -->
```

```
1081
1082 <xsd:element name="InterpreterAddressabilityUnit"
1083   type="SubunitAddressabilityUnitWKV" />
1084   <!-- interpreter addressability unit -->
1085   <!-- (missing element in Printer MIB v2 [RFC3805]) -->
1086   <!-- see PrtMarkerAddressabilityUnitTC in [RFC3805] -->
1087   <!-- see prtMarkerAddressabilityUnit in [RFC3805] -->
1088
1089 <xsd:element name="InterpreterAddressabilityBasis"
1090   type="ObjectCounterBasisWKV" />
1091   <!-- interpreter addressability basis (i.e., accuracy) -->
1092   <!-- see prtInterpreterFeedAddressability in [RFC3805] -->
1093
1094 <xsd:element name="InterpreterFeedAddressability"
1095   type="ObjectCounter32" />
1096   <!-- interpreter feed addressability -->
1097   <!-- see prtInterpreterFeedAddressability in [RFC3805] -->
1098
1099 <xsd:element name="InterpreterCrossFeedAddressability"
1100   type="ObjectCounter32" />
1101   <!-- interpreter crossfeed addressability -->
1102   <!-- see prtInterpreterXFeedAddressability in [RFC3805] -->
1103
1104 <xsd:element name="InterpreterDefaultCharsetIn"
1105   type="ObjectStringShort" />
1106   <!-- interpreter default charset for input characters -->
1107   <!-- see prtInterpreterDefaultCharSetIn in [RFC3805] -->
1108
1109 <xsd:element name="InterpreterDefaultCharsetOut"
1110   type="ObjectStringShort" />
1111   <!-- interpreter default charset for output characters -->
1112   <!-- see prtInterpreterDefaultCharSetOut in [RFC3805] -->
1113
1114 <xsd:element name="InterpreterIsTwoWay" type="xsd:boolean" />
1115   <!-- interpreter is two way with back input channel (if true) -->
1116   <!-- see prtInterpreterTwoWay in [RFC3805] -->
1117
1118 <xsd:element name="InterpreterLanguageFamily"
1119   type="InterpreterLanguageFamilyWKV" />
1120   <!-- interpreter PDL language family -->
1121   <!-- see PrtInterpreterLangFamilyTC in [RFC3805] -->
1122   <!-- see prtInterpreterLangFamily in [RFC3805] -->
1123
1124 <xsd:element name="InterpreterLanguageSupported"
1125   type="InterpreterLanguageSupported" />
1126   <!-- interpreter PDL language format (MIME type) -->
1127   <!-- see prtInterpreterLangFamily in [RFC3805] -->
1128
1129 <xsd:element name="InterpreterLanguageLevel" type="ObjectStringShort" />
1130   <!-- interpreter PDL language level (e.g., '5e' for PCL) -->
1131   <!-- see prtInterpreterLangLevel in [RFC3805] -->
1132
1133 <xsd:element name="InterpreterLanguageVersion"
1134   type="ObjectStringShort" />
```

```
1135     <!-- interpreter PDL language date code or version -->
1136     <!-- see prtInterpreterLangVersion in [RFC3805] -->
1137
1138     <xsd:element name="InterpreterInfo" type="ObjectStringLong"/>
1139     <!-- interpreter vendor-supplied description -->
1140     <!-- (in locale specified by SystemNaturalLanguage) -->
1141     <!-- see prtInterpreterDescription in [RFC3805] -->
1142
1143     <xsd:element name="InterpreterVersion" type="ObjectStringShort"/>
1144     <!-- interpreter vendor-supplied version -->
1145     <!-- see prtInterpreterVersion in [RFC3805] -->
1146
1147     <xsd:element name="MarkerId" type="ObjectIdentifier16"/>
1148     <!-- marker local unique integer key -->
1149     <!-- see prtMarkerIndex in [RFC3805] -->
1150
1151     <xsd:element name="MarkerStates" type="SubunitStates"/>
1152     <!-- marker states and conditions -->
1153     <!-- see PrtSubUnitStatusTC in [RFC3805] -->
1154     <!-- see prtMarkerStatus (bit-mask) in [RFC3805] -->
1155
1156     <xsd:element name="MarkerCounterUnit" type="SubunitCounterUnitWKV"/>
1157     <!-- marker usage counter unit -->
1158     <!-- see prtMarkerCounterUnit in [RFC3805] -->
1159
1160     <xsd:element name="MarkerLifeCount" type="ObjectCounter32"/>
1161     <!-- marker usage over subunit lifetime -->
1162     <!-- see prtMarkerLifeCount in [RFC3805] -->
1163
1164     <xsd:element name="MarkerPowerOnCount" type="ObjectCounter32"/>
1165     <!-- marker usage since last power on -->
1166     <!-- see prtMarkerPowerOnCount in [RFC3805] -->
1167
1168     <xsd:element name="MarkerAddressabilityUnit"
1169         type="SubunitAddressabilityUnitWKV"/>
1170     <!-- marker addressability unit -->
1171     <!-- see PrtMarkerAddressabilityUnitTC in [RFC3805] -->
1172     <!-- see prtMarkerAddressabilityUnit in [RFC3805] -->
1173
1174     <xsd:element name="MarkerAddressabilityBasis"
1175         type="ObjectCounterBasisWKV"/>
1176     <!-- marker addressability basis (i.e., accuracy) -->
1177     <!-- see prtMarkerFeedAddressability in [RFC3805] -->
1178
1179     <xsd:element name="MarkerFeedAddressability"
1180         type="ObjectCounter32"/>
1181     <!-- marker feed addressability -->
1182     <!-- see prtMarkerFeedAddressability in [RFC3805] -->
1183
1184     <xsd:element name="MarkerCrossFeedAddressability"
1185         type="ObjectCounter32"/>
1186     <!-- marker crossfeed addressability -->
1187     <!-- see prtMarkerXFeedAddressability in [RFC3805] -->
1188
```

```
1189 <xsd:element name="MarkerMarginBasis"  
1190     type="ObjectCounterBasisWKV" />  
1191     <!-- marker margin basis (i.e., accuracy) -->  
1192     <!-- see prtMarkerNorthMargin in [RFC3805] -->  
1193  
1194 <xsd:element name="MarkerNorthMargin"  
1195     type="ObjectCounter32" />  
1196     <!-- marker north margin in addressability units -->  
1197     <!-- see prtMarkerNorthMargin in [RFC3805] -->  
1198  
1199 <xsd:element name="MarkerSouthMargin"  
1200     type="ObjectCounter32" />  
1201     <!-- marker south margin in addressability units -->  
1202     <!-- see prtMarkerSouthMargin in [RFC3805] -->  
1203  
1204 <xsd:element name="MarkerWestMargin"  
1205     type="ObjectCounter32" />  
1206     <!-- marker west margin in addressability units -->  
1207     <!-- see prtMarkerWestMargin in [RFC3805] -->  
1208  
1209 <xsd:element name="MarkerEastMargin"  
1210     type="ObjectCounter32" />  
1211     <!-- marker east margin in addressability units -->  
1212     <!-- see prtMarkerEastMargin in [RFC3805] -->  
1213  
1214 <xsd:element name="MarkerTechnology" type="MarkerTechnologyWKV" />  
1215     <!-- marking technology for this marker subunit -->  
1216     <!-- see PrtMarkerMarkTechTC in [RFC3805] -->  
1217     <!-- see prtMarkerMarkTech in [RFC3805] -->  
1218  
1219 <xsd:element name="MarkerInfo" type="ObjectStringLong" />  
1220     <!-- marker vendor-supplied description -->  
1221     <!-- (in locale specified by SystemNaturalLanguage) -->  
1222     <!-- (missing element in Printer MIB v2 [RFC3805]) -->  
1223  
1224 <xsd:element name="MarkerProcessColorants" type="ObjectCounter16" />  
1225     <!-- marker process colorants -->  
1226     <!-- see prtMarkerProcessColorants in [RFC3805] -->  
1227  
1228 <xsd:element name="MarkerSpotColorants" type="ObjectCounter16" />  
1229     <!-- marker spot colorants -->  
1230     <!-- see prtMarkerSpotColorants in [RFC3805] -->  
1231  
1232 <xsd:element name="MarkerColorantId" type="ObjectIdentifier16" />  
1233     <!-- marker colorant local unique integer key -->  
1234     <!-- see prtMarkerColorantIndex in [RFC3805] -->  
1235  
1236 <xsd:element name="MarkerColorantRole" type="MarkerColorantRoleWKV" />  
1237     <!-- marker colorant role (process, spot, etc.) -->  
1238     <!-- see PrtMarkerColorantRoleTC in [RFC3805] -->  
1239     <!-- see prtMarkerColorantRole in [RFC3805] -->  
1240  
1241 <xsd:element name="MarkerColorantInfo" type="ObjectStringLong" />  
1242     <!-- marker colorant vendor-supplied description -->
```

```
1243     <!-- (in locale specified by SystemNaturalLanguage) -->
1244     <!-- (missing element in Printer MIB v2 [RFC3805]) -->
1245
1246     <xsd:element name="MarkerColorantName" type="ObjectStringLong"/>
1247     <!-- marker colorant standard name -->
1248     <!-- see Media Color Names section 4 in [PWG5101.1] -->
1249     <!-- see prtMarkerColorantValue in [RFC3805] -->
1250
1251     <xsd:element name="MarkerColorantTonality" type="ObjectCounter32"/>
1252     <!-- marker colorant distinct levels of tonality -->
1253     <!-- (levels of tonal difference available for rendering) -->
1254     <!-- see prtMarkerColorantTonality in [RFC3805] -->
1255
1256     <xsd:element name="MarkerSupplyId" type="ObjectIdentifier16"/>
1257     <!-- marker supply local unique integer key -->
1258     <!-- see prtMarkerSuppliesIndex in [RFC3805] -->
1259
1260     <xsd:element name="MarkerSupplyColorantId"
1261     type="ObjectPointer16"/>
1262     <!-- marker supply associated marker colorant ID or zero -->
1263     <!-- see prtMarkerSuppliesColorantIndex in [RFC3805] -->
1264
1265     <xsd:element name="MarkerSupplyCurrentLevelBasis"
1266     type="ObjectCounterBasisWKV"/>
1267     <!-- marker supply current level basis (i.e., accuracy) -->
1268     <!-- see prtMarkerSuppliesLevel in [RFC3805] -->
1269
1270     <xsd:element name="MarkerSupplyCurrentLevel" type="ObjectCounter32"/>
1271     <!-- marker supply current level -->
1272     <!-- (in units specified by MarkerSupplyCapacityUnit) -->
1273     <!-- see prtMarkerSuppliesLevel in [RFC3805] -->
1274
1275     <xsd:element name="MarkerSupplyClass" type="MarkerSupplyClassWKV"/>
1276     <!-- marker supply class -->
1277     <!-- see PrtMarkerSuppliesClassTC in [RFC3805] -->
1278     <!-- see prtMarkerSuppliesClass in [RFC3805] -->
1279
1280     <xsd:element name="MarkerSupplyType" type="MarkerSupplyTypeWKV"/>
1281     <!-- marker supply type -->
1282     <!-- see PrtMarkerSuppliesTypeTC in [RFC3805] -->
1283     <!-- see prtMarkerSuppliesType in [RFC3805] -->
1284
1285     <xsd:element name="MarkerSupplyInfo" type="ObjectStringLong"/>
1286     <!-- marker supply vendor-supplied description -->
1287     <!-- (in locale specified by SystemNaturalLanguage) -->
1288     <!-- see prtMarkerSuppliesDescription in [RFC3805] -->
1289
1290     <xsd:element name="MarkerSupplyCapacityUnit"
1291     type="MarkerSupplyCapacityUnitWKV"/>
1292     <!-- marker supply capacity/level unit -->
1293     <!-- see PrtMarkerSuppliesSupplyUnitTC in [RFC3805] -->
1294     <!-- see prtMarkerSuppliesSupplyUnit in [RFC3805] -->
1295
1296     <xsd:element name="MarkerSupplyMaxCapacityBasis"
```



```
1297     type="ObjectCounterBasisWKV" />
1298     <!-- marker supply maximum capacity basis (i.e., accuracy) -->
1299     <!-- see prtMarkerSuppliesMaxCapacity in [RFC3805] -->
1300
1301 <xsd:element name="MarkerSupplyMaxCapacity" type="ObjectCounter32" />
1302     <!-- marker supply maximum capacity -->
1303     <!-- (in units specified by MarkerSupplyCapacityUnit) -->
1304     <!-- see prtMarkerSuppliesMaxCapacity in [RFC3805] -->
1305
1306 <xsd:element name="MediaPathId" type="ObjectIdentifier16" />
1307     <!-- media path local unique integer key -->
1308     <!-- see prtMediaPathIndex in [RFC3805] -->
1309
1310 <xsd:element name="MediaPathStates" type="SubunitStates" />
1311     <!-- media path states and conditions -->
1312     <!-- see PrtSubUnitStatusTC in [RFC3805] -->
1313     <!-- see prtMediaPathStatus (bit-mask) in [RFC3805] -->
1314
1315 <xsd:element name="MediaPathType" type="MediaPathTypeWKV" />
1316     <!-- media path type -->
1317     <!-- see PrtMediaPathTypeTC in [RFC3805] -->
1318     <!-- see prtMediaPathType in [RFC3805] -->
1319
1320 <xsd:element name="MediaPathInfo" type="ObjectStringLong" />
1321     <!-- media path vendor-supplied description -->
1322     <!-- (in locale specified by SystemNaturalLanguage) -->
1323     <!-- see prtMediaPathDescription in [RFC3805] -->
1324
1325 <xsd:element name="MediaPathMaxSpeedUnit"
1326     type="MediaPathMaxSpeedUnitWKV" />
1327     <!-- media path maximum speed unit -->
1328     <!-- see PrtMediaPathMaxSpeedPrintUnitTC in [RFC3805] -->
1329     <!-- see prtMediaPathMaxSpeedPrintUnit in [RFC3805] -->
1330
1331 <xsd:element name="MediaPathMaxSpeed" type="ObjectCounter32" />
1332     <!-- media path maximum speed -->
1333     <!-- (in units specified by MediaPathMaxSpeedUnit) -->
1334     <!-- see prtMediaPathMaxSpeed in [RFC3805] -->
1335
1336 <xsd:element name="MediaPathMaxMediaSizeName"
1337     type="ObjectStringShort" />
1338     <!-- media path maximum media size name -->
1339     <!-- see Media Size Self-Describing Names section 5 in [PWG5101.1] -->
1340     <!-- see prtMediaPathMediaSizeUnit in [RFC3805] -->
1341     <!-- see prtMediaPathMaxMediaFeedDir in [RFC3805] -->
1342     <!-- see prtMediaPathMaxMediaXFeedDir in [RFC3805] -->
1343
1344 <xsd:element name="MediaPathMinMediaSizeName"
1345     type="ObjectStringShort" />
1346     <!-- media path minimum media size name -->
1347     <!-- see Media Size Self-Describing Names section 5 in [PWG5101.1] -->
1348     <!-- see prtMediaPathMediaSizeUnit in [RFC3805] -->
1349     <!-- see prtMediaPathMinMediaFeedDir in [RFC3805] -->
1350     <!-- see prtMediaPathMinMediaXFeedDir in [RFC3805] -->
```

```
1351
1352 <xsd:element name="OutputTrayId" type="ObjectIdentifier16"/>
1353   <!-- output tray local unique integer key -->
1354   <!-- see prtOutputIndex in [RFC3805] -->
1355
1356 <xsd:element name="OutputTrayStates" type="SubunitStates"/>
1357   <!-- output tray states and conditions -->
1358   <!-- see PrtSubUnitStatusTC in [RFC3805] -->
1359   <!-- see prtOutputStatus (bit-mask) in [RFC3805] -->
1360
1361 <xsd:element name="OutputTraySecurity" type="SubunitPresentOnOffWKV"/>
1362   <!-- output tray security present/on/off -->
1363   <!-- see PresentOnOff in [RFC3805] -->
1364   <!-- see prtOutputSecurity (PresentOnOff) in [RFC3805] -->
1365
1366 <xsd:element name="OutputTrayRemainingCapacityBasis"
1367   type="ObjectCounterBasisWKV"/>
1368   <!-- output tray remaining capacity basis (i.e., accuracy) -->
1369   <!-- see prtOutputRemainingCapacity in [RFC3805] -->
1370
1371 <xsd:element name="OutputTrayRemainingCapacity"
1372   type="ObjectCounter32"/>
1373   <!-- output tray remaining capacity -->
1374   <!-- (in units specified by OutputTrayCapacityUnit) -->
1375   <!-- see prtOutputRemainingCapacity in [RFC3805] -->
1376
1377 <xsd:element name="OutputTrayStackingOrder"
1378   type="OutputTrayStackingOrderWKV"/>
1379   <!-- output tray stacking order (first to last, etc.) -->
1380   <!-- see PrtOutputStackingOrderTC in [RFC3805] -->
1381   <!-- see prtOutputStackingOrder in [RFC3805] -->
1382
1383 <xsd:element name="OutputTrayPageDeliveryOrientation"
1384   type="OutputTrayPageDeliveryOrientationWKV"/>
1385   <!-- output tray page delivery orientation (face up, etc.) -->
1386   <!-- see PrtOutputPageDeliveryOrientationTC in [RFC3805] -->
1387   <!-- see prtOutputPageDeliveryOrientation in [RFC3805] -->
1388
1389 <xsd:element name="OutputTrayBursting"
1390   type="SubunitPresentOnOffWKV"/>
1391   <!-- output tray security present/on/off -->
1392   <!-- see PresentOnOff in [RFC3805] -->
1393   <!-- see prtOutputBursting (PresentOnOff) in [RFC3805] -->
1394
1395 <xsd:element name="OutputTrayDecollating"
1396   type="SubunitPresentOnOffWKV"/>
1397   <!-- output tray security present/on/off -->
1398   <!-- see PresentOnOff in [RFC3805] -->
1399   <!-- see prtOutputDecollating (PresentOnOff) in [RFC3805] -->
1400
1401 <xsd:element name="OutputTrayPageCollated"
1402   type="SubunitPresentOnOffWKV"/>
1403   <!-- output tray security present/on/off -->
1404   <!-- see PresentOnOff in [RFC3805] -->
```

```
1405     <!-- see prtOutputPageCollated (PresentOnOff) in [RFC3805] -->
1406
1407 <xsd:element name="OutputTrayOffsetStacking"
1408     type="SubunitPresentOnOffWKV" />
1409     <!-- output tray security present/on/off -->
1410     <!-- see PresentOnOff in [RFC3805] -->
1411     <!-- see prtOutputOffsetStacking (PresentOnOff) in [RFC3805] -->
1412
1413 <xsd:element name="OutputTrayType" type="OutputTrayTypeWKV" />
1414     <!-- output tray type -->
1415     <!-- see PrtOutputTypeTC in [RFC3805] -->
1416     <!-- see prtOutputType in [RFC3805] -->
1417
1418 <xsd:element name="OutputTrayInfo" type="ObjectStringLong" />
1419     <!-- output tray vendor-supplied description -->
1420     <!-- (in locale specified by SystemNaturalLanguage) -->
1421     <!-- see prtOutputDescription in [RFC3805] -->
1422
1423 <xsd:element name="OutputTrayName" type="ObjectStringShort" />
1424     <!-- output tray local name for management -->
1425     <!-- see prtOutputName in [RFC3805] -->
1426
1427 <xsd:element name="OutputTrayVendorName" type="ObjectStringShort" />
1428     <!-- output tray vendor-supplied name of subunit -->
1429     <!-- see prtOutputVendorName in [RFC3805] -->
1430
1431 <xsd:element name="OutputTrayModel" type="ObjectStringShort" />
1432     <!-- output tray vendor-supplied model of subunit -->
1433     <!-- see prtOutputModel in [RFC3805] -->
1434
1435 <xsd:element name="OutputTrayVersion" type="ObjectStringShort" />
1436     <!-- output tray vendor-supplied version -->
1437     <!-- see prtOutputVersion in [RFC3805] -->
1438
1439 <xsd:element name="OutputTraySerialNumber" type="ObjectStringShort" />
1440     <!-- output tray vendor-supplied serial number of subunit -->
1441     <!-- see prtOutputSerialNumber in [RFC3805] -->
1442
1443 <xsd:element name="OutputTrayCapacityUnit"
1444     type="SubunitCapacityUnitWKV" />
1445     <!-- output tray capacity/level unit -->
1446     <!-- see PrtCapacityUnitTC in [RFC3805] -->
1447     <!-- see prtOutputCapacityUnit in [RFC3805] -->
1448
1449 <xsd:element name="OutputTrayMaxCapacityBasis"
1450     type="ObjectCounterBasisWKV" />
1451     <!-- output tray maximum capacity basis (i.e., accuracy) -->
1452     <!-- see prtOutputMaxCapacity in [RFC3805] -->
1453
1454 <xsd:element name="OutputTrayMaxCapacity" type="ObjectCounter32" />
1455     <!-- output tray maximum capacity -->
1456     <!-- (in units specified by OutputTrayCapacityUnit) -->
1457     <!-- see prtOutputMaxCapacity in [RFC3805] -->
1458
```

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1459 <xsd:element name="OutputTrayMaxMediaSizeName"
1460     type="ObjectStringsShort" />
1461     <!-- output tray maximum media size name -->
1462     <!-- see Media Size Self-Describing Names section 5 in [PWG5101.1] -->
1463     <!-- see prtOutputDimUnit in [RFC3805] -->
1464     <!-- see prtOutputMaxDimFeedDir in [RFC3805] -->
1465     <!-- see prtOutputMaxDimXFeedDir in [RFC3805] -->
1466
1467 <xsd:element name="OutputTrayMinMediaSizeName"
1468     type="ObjectStringsShort" />
1469     <!-- output tray minimum media size name -->
1470     <!-- see Media Size Self-Describing Names section 5 in [PWG5101.1] -->
1471     <!-- see prtOutputDimUnit in [RFC3805] -->
1472     <!-- see prtOutputMinDimFeedDir in [RFC3805] -->
1473     <!-- see prtOutputMinDimXFeedDir in [RFC3805] -->
1474
1475 <xsd:element name="ScannerId" type="ObjectIdentifier16" />
1476     <!-- scanner local unique integer key -->
1477     <!-- see prtMarkerIndex in [RFC3805] -->
1478
1479 <xsd:element name="ScannerStates" type="SubunitStates" />
1480     <!-- scanner states and conditions -->
1481     <!-- see PrtSubUnitStatusTC in [RFC3805] -->
1482     <!-- see prtMarkerStatus (bit-mask) in [RFC3805] -->
1483
1484 <xsd:element name="ScannerCounterUnit" type="SubunitCounterUnitWKV" />
1485     <!-- scanner usage counter unit -->
1486     <!-- see prtMarkerCounterUnit in [RFC3805] -->
1487
1488 <xsd:element name="ScannerLifeCount" type="ObjectCounter32" />
1489     <!-- scanner usage over subunit lifetime -->
1490     <!-- see prtMarkerLifeCount in [RFC3805] -->
1491
1492 <xsd:element name="ScannerPowerOnCount" type="ObjectCounter32" />
1493     <!-- scanner usage since last power on -->
1494     <!-- see prtMarkerPowerOnCount in [RFC3805] -->
1495
1496 <xsd:element name="ScannerAddressabilityUnit"
1497     type="SubunitAddressabilityUnitWKV" />
1498     <!-- scanner addressability unit -->
1499     <!-- see PrtMarkerAddressabilityUnitTC in [RFC3805] -->
1500     <!-- see prtMarkerAddressabilityUnit in [RFC3805] -->
1501
1502 <xsd:element name="ScannerAddressabilityBasis"
1503     type="ObjectCounterBasisWKV" />
1504     <!-- scanner addressability basis (i.e., accuracy) -->
1505     <!-- see prtMarkerFeedAddressability in [RFC3805] -->
1506
1507 <xsd:element name="ScannerFeedAddressability"
1508     type="ObjectCounter32" />
1509     <!-- scanner feed addressability -->
1510     <!-- see prtMarkerFeedAddressability in [RFC3805] -->
1511
1512 <xsd:element name="ScannerCrossFeedAddressability"
```

```
1513     type="ObjectCounter32"/>
1514     <!-- scanner crossfeed addressability -->
1515     <!-- see prtMarkerXFeedAddressability in [RFC3805] -->
1516
1517 <xsd:element name="ScannerMarginBasis"
1518     type="ObjectCounterBasisWKV"/>
1519     <!-- scanner margin basis (i.e., accuracy) -->
1520     <!-- see prtMarkerNorthMargin in [RFC3805] -->
1521
1522 <xsd:element name="ScannerNorthMargin"
1523     type="ObjectCounter32"/>
1524     <!-- scanner north margin in addressability units -->
1525     <!-- see prtMarkerNorthMargin in [RFC3805] -->
1526
1527 <xsd:element name="ScannerSouthMargin"
1528     type="ObjectCounter32"/>
1529     <!-- scanner south margin in addressability units -->
1530     <!-- see prtMarkerSouthMargin in [RFC3805] -->
1531
1532 <xsd:element name="ScannerWestMargin"
1533     type="ObjectCounter32"/>
1534     <!-- scanner west margin in addressability units -->
1535     <!-- see prtMarkerWestMargin in [RFC3805] -->
1536
1537 <xsd:element name="ScannerEastMargin"
1538     type="ObjectCounter32"/>
1539     <!-- marker east margin in addressability units -->
1540     <!-- see prtMarkerEastMargin in [RFC3805] -->
1541
1542 <xsd:element name="ScannerInfo" type="ObjectStringLong"/>
1543     <!-- scanner vendor-supplied description -->
1544     <!-- (in locale specified by SystemNaturalLanguage) -->
1545
1546 <xsd:element name="ScannerColorPlanes" type="ObjectCounter32"/>
1547     <!-- scanner color planes (e.g., CMYK is '4', monochrome is '1') -->
1548
1549 <xsd:element name="ScannerBitsPerPixel" type="ObjectCounter32"/>
1550     <!-- scanner bits/pixel (color or gray-scale depth) -->
1551
1552 <xsd:element name="SubunitElement" type="ObjectElement"/>
1553     <!-- subunit extension element -->
1554
1555 <xsd:element name="SubunitId" type="ObjectIdentifier16"/>
1556     <!-- subunit local unique integer key -->
1557     <!-- see prtMarkerIndex in [RFC3805] -->
1558
1559 <xsd:element name="SubunitStates" type="SubunitStates"/>
1560     <!-- subunit states and conditions -->
1561     <!-- see PrtSubUnitStatusTC in [RFC3805] -->
1562     <!-- see prtMarkerStatus (bit-mask) in [RFC3805] -->
1563
1564 <xsd:element name="SubunitCounterUnit"
1565     type="SubunitCounterUnitWKV"/>
1566     <!-- subunit usage counter unit -->
```

```
1567     <!-- see prtMarkerCounterUnit in [RFC3805] -->
1568
1569 <xsd:element name="SubunitLifeCount" type="ObjectCounter32"/>
1570     <!-- subunit usage over subunit lifetime -->
1571     <!-- see prtMarkerLifeCount in [RFC3805] -->
1572
1573 <xsd:element name="SubunitPowerOnCount" type="ObjectCounter32"/>
1574     <!-- subunit usage since last power on -->
1575     <!-- see prtMarkerPowerOnCount in [RFC3805] -->
1576
1577 <xsd:element name="SubunitInfo" type="ObjectStringLong"/>
1578     <!-- subunit vendor-supplied description -->
1579     <!-- (in locale specified by SystemNaturalLanguage) -->
1580
1581 <!--          -->
1582 <!-- subunit group definitions -->
1583 <!--          -->
1584
1585 <xsd:element name="ConsoleStatus">
1586     <!-- ConsoleStatus - group -->
1587     <xsd:complexType>
1588         <xsd:sequence>
1589             <xsd:element ref="ConsoleId"
1590                 minOccurs="1" maxOccurs="1"/>
1591             <xsd:element ref="ConsoleNaturalLanguage"
1592                 minOccurs="1" maxOccurs="1"/>
1593             <xsd:element ref="ConsoleDisable"
1594                 minOccurs="1" maxOccurs="1"/>
1595             <xsd:element ref="ConsoleDisplayBuffer"
1596                 minOccurs="1" maxOccurs="1"/>
1597             <xsd:element ref="ConsoleLights"
1598                 minOccurs="1" maxOccurs="1"/>
1599             <xsd:element ref="SubunitElement"
1600                 minOccurs="0" maxOccurs="unbounded"/>
1601         </xsd:sequence>
1602     </xsd:complexType>
1603 </xsd:element>
1604
1605 <xsd:element name="ConsoleDescription">
1606     <!-- ConsoleDescription - group -->
1607     <xsd:complexType>
1608         <xsd:sequence>
1609             <xsd:element ref="ConsoleNumberOfDisplayLines"
1610                 minOccurs="0" maxOccurs="1"/>
1611             <xsd:element ref="ConsoleNumberOfDisplayChars"
1612                 minOccurs="0" maxOccurs="1"/>
1613             <xsd:element ref="SubunitElement"
1614                 minOccurs="0" maxOccurs="unbounded"/>
1615         </xsd:sequence>
1616     </xsd:complexType>
1617 </xsd:element>
1618
1619 <xsd:complexType name="Consoles">
1620     <!-- Consoles - set of consoles -->
```

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1621     <xsd:sequence>
1622         <xsd:element ref="Console"
1623             minOccurs="0" maxOccurs="unbounded" />
1624     </xsd:sequence>
1625 </xsd:complexType>
1626
1627 <xsd:complexType name="Console">
1628     <!-- Console - type -->
1629     <xsd:sequence>
1630         <xsd:element ref="ConsoleStatus"
1631             minOccurs="1" maxOccurs="1" />
1632         <xsd:element ref="ConsoleDescription"
1633             minOccurs="0" maxOccurs="1" />
1634         <xsd:element ref="SubunitElement"
1635             minOccurs="0" maxOccurs="unbounded" />
1636     </xsd:sequence>
1637 </xsd:complexType>
1638
1639 <xsd:element name="Consoles" type="Consoles" />
1640     <!-- Consoles - set of consoles -->
1641
1642 <xsd:element name="Console" type="Console" />
1643     <!-- Console - subunit -->
1644
1645 <xsd:element name="CoverStatus">
1646     <!-- CoverStatus - group -->
1647     <xsd:complexType>
1648         <xsd:sequence>
1649             <xsd:element ref="CoverId"
1650                 minOccurs="1" maxOccurs="1" />
1651             <xsd:element ref="CoverStates"
1652                 minOccurs="1" maxOccurs="1" />
1653             <xsd:element ref="SubunitElement"
1654                 minOccurs="0" maxOccurs="unbounded" />
1655         </xsd:sequence>
1656     </xsd:complexType>
1657 </xsd:element>
1658
1659 <xsd:element name="CoverDescription">
1660     <!-- CoverDescription - group -->
1661     <xsd:complexType>
1662         <xsd:sequence>
1663             <xsd:element ref="CoverInfo"
1664                 minOccurs="0" maxOccurs="1" />
1665             <xsd:element ref="SubunitElement"
1666                 minOccurs="0" maxOccurs="unbounded" />
1667         </xsd:sequence>
1668     </xsd:complexType>
1669 </xsd:element>
1670
1671 <xsd:complexType name="Covers">
1672     <!-- Covers - set of covers -->
1673     <xsd:sequence>
1674         <xsd:element ref="Cover"
```

```
1675         minOccurs="0" maxOccurs="unbounded"/>
1676     </xsd:sequence>
1677 </xsd:complexType>
1678
1679 <xsd:complexType name="Cover">
1680     <!-- Cover - type -->
1681     <xsd:sequence>
1682         <xsd:element ref="CoverStatus"
1683             minOccurs="1" maxOccurs="1"/>
1684         <xsd:element ref="CoverDescription"
1685             minOccurs="0" maxOccurs="1"/>
1686         <xsd:element ref="SubunitElement"
1687             minOccurs="0" maxOccurs="unbounded"/>
1688     </xsd:sequence>
1689 </xsd:complexType>
1690
1691 <xsd:element name="Covers" type="Covers"/>
1692     <!-- Covers - set of covers -->
1693     <!-- see prtCoverTable in [RFC3805] -->
1694
1695 <xsd:element name="Cover" type="Cover"/>
1696     <!-- Cover - subunit -->
1697     <!-- see prtCoverEntry in [RFC3805] -->
1698
1699 <xsd:element name="FinisherSupplyMediaInputStatus">
1700     <!-- FinisherSupplyMediaInputStatus - group -->
1701     <xsd:complexType>
1702         <xsd:sequence>
1703             <xsd:element ref="FinisherSupplyMediaInputId"
1704                 minOccurs="1" maxOccurs="1"/>
1705             <xsd:element ref="FinisherSupplyMediaInputStates"
1706                 minOccurs="1" maxOccurs="1"/>
1707             <xsd:element ref="FinisherSupplyMediaInputSecurity"
1708                 minOccurs="0" maxOccurs="1"/>
1709             <xsd:element ref="FinisherSupplyMediaInputMediaSizeName"
1710                 minOccurs="0" maxOccurs="1"/>
1711             <xsd:element ref="FinisherSupplyMediaInputMediaType"
1712                 minOccurs="0" maxOccurs="1"/>
1713             <xsd:element ref="FinisherSupplyMediaInputMediaInfo"
1714                 minOccurs="0" maxOccurs="1"/>
1715             <xsd:element ref="SubunitElement"
1716                 minOccurs="0" maxOccurs="unbounded"/>
1717         </xsd:sequence>
1718     </xsd:complexType>
1719 </xsd:element>
1720
1721 <xsd:element name="FinisherSupplyMediaInputDescription">
1722     <!-- FinisherSupplyMediaInputDescription - group -->
1723     <xsd:complexType>
1724         <xsd:sequence>
1725             <xsd:element ref="FinisherSupplyMediaInputType"
1726                 minOccurs="1" maxOccurs="1"/>
1727             <xsd:element ref="FinisherSupplyMediaInputInfo"
1728                 minOccurs="0" maxOccurs="1"/>
```



```
1729     <xsd:element ref="FinisherSupplyMediaInputName"
1730         minOccurs="0" maxOccurs="1"/>
1731     <xsd:element ref="SubunitElement"
1732         minOccurs="0" maxOccurs="unbounded"/>
1733 </xsd:sequence>
1734 </xsd:complexType>
1735 </xsd:element>
1736
1737 <xsd:complexType name="FinisherSupplyMediaInputs">
1738     <!-- FinisherSupplyMediaInputs - set of fin supply media inputs -->
1739     <xsd:sequence>
1740         <xsd:element ref="FinisherSupplyMediaInput"
1741             minOccurs="0" maxOccurs="unbounded"/>
1742     </xsd:sequence>
1743 </xsd:complexType>
1744
1745 <xsd:complexType name="FinisherSupplyMediaInput">
1746     <!-- FinisherSupplyMediaInput - type -->
1747     <xsd:sequence>
1748         <xsd:element ref="FinisherSupplyMediaInputStatus"
1749             minOccurs="1" maxOccurs="1"/>
1750         <xsd:element ref="FinisherSupplyMediaInputDescription"
1751             minOccurs="0" maxOccurs="1"/>
1752         <xsd:element ref="SubunitElement"
1753             minOccurs="0" maxOccurs="unbounded"/>
1754     </xsd:sequence>
1755 </xsd:complexType>
1756
1757 <xsd:element name="FinisherSupplyMediaInputs"
1758     type="FinisherSupplyMediaInputs"/>
1759     <!-- FinisherSupplyMediaInputs - set of fin supply media inputs -->
1760     <!-- see finSupplyMediaInputTable in [RFC3806] -->
1761
1762 <xsd:element name="FinisherSupplyMediaInput"
1763     type="FinisherSupplyMediaInput"/>
1764     <!-- FinisherSupplyMediaInput - component -->
1765     <!-- see finSupplyMediaInputEntry in [RFC3806] -->
1766
1767 <xsd:element name="FinisherSupplyStatus">
1768     <!-- FinisherSupplyStatus - group -->
1769     <xsd:complexType>
1770         <xsd:sequence>
1771             <xsd:element ref="FinisherSupplyId"
1772                 minOccurs="1" maxOccurs="1"/>
1773             <xsd:element ref="FinisherSupplyCurrentLevelBasis"
1774                 minOccurs="0" maxOccurs="1"/>
1775             <xsd:element ref="FinisherSupplyCurrentLevel"
1776                 minOccurs="0" maxOccurs="1"/>
1777             <xsd:element ref="FinisherSupplyMediaInputs"
1778                 minOccurs="0" maxOccurs="1"/>
1779             <xsd:element ref="SubunitElement"
1780                 minOccurs="0" maxOccurs="unbounded"/>
1781         </xsd:sequence>
1782     </xsd:complexType>
```

```
1783 </xsd:element>
1784
1785 <xsd:element name="FinisherSupplyDescription">
1786   <!-- FinisherSupplyDescription - group -->
1787   <xsd:complexType>
1788     <xsd:sequence>
1789       <xsd:element ref="FinisherSupplyClass"
1790         minOccurs="1" maxOccurs="1"/>
1791       <xsd:element ref="FinisherSupplyType"
1792         minOccurs="1" maxOccurs="1"/>
1793       <xsd:element ref="FinisherSupplyInfo"
1794         minOccurs="0" maxOccurs="1"/>
1795       <xsd:element ref="FinisherSupplyColorName"
1796         minOccurs="0" maxOccurs="1"/>
1797       <xsd:element ref="FinisherSupplyCapacityUnit"
1798         minOccurs="0" maxOccurs="1"/>
1799       <xsd:element ref="FinisherSupplyMaxCapacityBasis"
1800         minOccurs="0" maxOccurs="1"/>
1801       <xsd:element ref="FinisherSupplyMaxCapacity"
1802         minOccurs="0" maxOccurs="1"/>
1803       <xsd:element ref="SubunitElement"
1804         minOccurs="0" maxOccurs="unbounded"/>
1805     </xsd:sequence>
1806   </xsd:complexType>
1807 </xsd:element>
1808
1809 <xsd:complexType name="FinisherSupplies">
1810   <!-- FinisherSupplies - set of finisher supplies -->
1811   <xsd:sequence>
1812     <xsd:element ref="FinisherSupply"
1813       minOccurs="0" maxOccurs="unbounded"/>
1814   </xsd:sequence>
1815 </xsd:complexType>
1816
1817 <xsd:complexType name="FinisherSupply">
1818   <!-- FinisherSupply - type -->
1819   <xsd:sequence>
1820     <xsd:element ref="FinisherSupplyStatus"
1821       minOccurs="1" maxOccurs="1"/>
1822     <xsd:element ref="FinisherSupplyDescription"
1823       minOccurs="0" maxOccurs="1"/>
1824     <xsd:element ref="SubunitElement"
1825       minOccurs="0" maxOccurs="unbounded"/>
1826   </xsd:sequence>
1827 </xsd:complexType>
1828
1829 <xsd:element name="FinisherSupplies" type="FinisherSupplies"/>
1830   <!-- FinisherSupplies - set of finisher supplies -->
1831   <!-- see finSupplyTable in [RFC3806] -->
1832
1833 <xsd:element name="FinisherSupply" type="FinisherSupply"/>
1834   <!-- FinisherSupply - component -->
1835   <!-- see finSupplyEntry in [RFC3806] -->
1836
```

```
1837 <xsd:element name="FinisherStatus">
1838   <!-- FinisherStatus - group -->
1839   <xsd:complexType>
1840     <xsd:sequence>
1841       <xsd:element ref="FinisherId"
1842         minOccurs="1" maxOccurs="1"/>
1843       <xsd:element ref="FinisherStates"
1844         minOccurs="1" maxOccurs="1"/>
1845       <xsd:element ref="FinisherPresentOnOff"
1846         minOccurs="1" maxOccurs="1"/>
1847       <xsd:element ref="FinisherCurrentCapacity"
1848         minOccurs="0" maxOccurs="1"/>
1849       <xsd:element ref="FinisherAssociatedMediaPaths"
1850         minOccurs="0" maxOccurs="1"/>
1851       <xsd:element ref="FinisherAssociatedOutputTrays"
1852         minOccurs="0" maxOccurs="1"/>
1853       <xsd:element ref="FinisherSupplies"
1854         minOccurs="0" maxOccurs="1"/>
1855       <xsd:element ref="SubunitElement"
1856         minOccurs="0" maxOccurs="unbounded"/>
1857     </xsd:sequence>
1858   </xsd:complexType>
1859 </xsd:element>
1860
1861 <xsd:element name="FinisherDescription">
1862   <!-- FinisherDescription - group -->
1863   <xsd:complexType>
1864     <xsd:sequence>
1865       <xsd:element ref="FinisherType"
1866         minOccurs="1" maxOccurs="1"/>
1867       <xsd:element ref="FinisherInfo"
1868         minOccurs="0" maxOccurs="1"/>
1869       <xsd:element ref="FinisherCapacityUnit"
1870         minOccurs="0" maxOccurs="1"/>
1871       <xsd:element ref="FinisherMaxCapacityBasis"
1872         minOccurs="0" maxOccurs="1"/>
1873       <xsd:element ref="FinisherMaxCapacity"
1874         minOccurs="0" maxOccurs="1"/>
1875       <xsd:element ref="SubunitElement"
1876         minOccurs="0" maxOccurs="unbounded"/>
1877     </xsd:sequence>
1878   </xsd:complexType>
1879 </xsd:element>
1880
1881 <xsd:complexType name="Finishers">
1882   <!-- Finishers - set of finishers -->
1883   <xsd:sequence>
1884     <xsd:element ref="Finisher"
1885       minOccurs="0" maxOccurs="unbounded"/>
1886   </xsd:sequence>
1887 </xsd:complexType>
1888
1889 <xsd:complexType name="Finisher">
1890   <!-- Finisher - type -->
```

```
1891     <xsd:sequence>
1892         <xsd:element ref="FinisherStatus"
1893             minOccurs="1" maxOccurs="1"/>
1894         <xsd:element ref="FinisherDescription"
1895             minOccurs="0" maxOccurs="1"/>
1896         <xsd:element ref="SubunitElement"
1897             minOccurs="0" maxOccurs="unbounded"/>
1898     </xsd:sequence>
1899 </xsd:complexType>
1900
1901 <xsd:element name="Finishers" type="Finishers"/>
1902     <!-- Finishers - set of finishers -->
1903     <!-- see finDeviceTable in [RFC3806] -->
1904
1905 <xsd:element name="Finisher" type="Finisher"/>
1906     <!-- Finisher - subunit -->
1907     <!-- see finDeviceEntry in [RFC3806] -->
1908
1909 <xsd:element name="InputChannelStatus">
1910     <!-- InputChannelStatus - group -->
1911     <xsd:complexType>
1912         <xsd:sequence>
1913             <xsd:element ref="InputChannelId"
1914                 minOccurs="1" maxOccurs="1"/>
1915             <xsd:element ref="InputChannelStates"
1916                 minOccurs="1" maxOccurs="1"/>
1917             <xsd:element ref="InputChannelIsAcceptingJobs"
1918                 minOccurs="1" maxOccurs="1"/>
1919             <xsd:element ref="InputChannelInterfaceId"
1920                 minOccurs="0" maxOccurs="1"/>
1921             <xsd:element ref="InputChannelDefaultJobControlLanguageId"
1922                 minOccurs="0" maxOccurs="1"/>
1923             <xsd:element ref="InputChannelDefaultPageDescriptionLanguageId"
1924                 minOccurs="0" maxOccurs="1"/>
1925             <xsd:element ref="SubunitElement"
1926                 minOccurs="0" maxOccurs="unbounded"/>
1927         </xsd:sequence>
1928     </xsd:complexType>
1929 </xsd:element>
1930
1931 <xsd:element name="InputChannelDescription">
1932     <!-- InputChannelDescription - group -->
1933     <xsd:complexType>
1934         <xsd:sequence>
1935             <xsd:element ref="InputChannelType"
1936                 minOccurs="1" maxOccurs="1"/>
1937             <xsd:element ref="InputChannelProtocolVersion"
1938                 minOccurs="0" maxOccurs="1"/>
1939             <xsd:element ref="InputChannelInfo"
1940                 minOccurs="0" maxOccurs="1"/>
1941             <xsd:element ref="InputChannelAuxInfo"
1942                 minOccurs="0" maxOccurs="1"/>
1943             <xsd:element ref="SubunitElement"
1944                 minOccurs="0" maxOccurs="unbounded"/>
```

```
1945     </xsd:sequence>
1946   </xsd:complexType>
1947 </xsd:element>
1948
1949 <xsd:complexType name="InputChannels">
1950   <!-- InputChannels - set of input channels -->
1951   <xsd:sequence>
1952     <xsd:element ref="InputChannel"
1953       minOccurs="0" maxOccurs="unbounded"/>
1954   </xsd:sequence>
1955 </xsd:complexType>
1956
1957 <xsd:complexType name="InputChannel">
1958   <!-- InputChannel - type -->
1959   <xsd:sequence>
1960     <xsd:element ref="InputChannelStatus"
1961       minOccurs="1" maxOccurs="1"/>
1962     <xsd:element ref="InputChannelDescription"
1963       minOccurs="0" maxOccurs="1"/>
1964     <xsd:element ref="SubunitElement"
1965       minOccurs="0" maxOccurs="unbounded"/>
1966   </xsd:sequence>
1967 </xsd:complexType>
1968
1969 <xsd:element name="InputChannels" type="InputChannels"/>
1970   <!-- InputChannels - set of input channels -->
1971   <!-- see prtChannelTable in [RFC3805] -->
1972
1973 <xsd:element name="InputChannel" type="InputChannel"/>
1974   <!-- InputChannel - subunit -->
1975   <!-- see prtChannelEntry in [RFC3805] -->
1976
1977 <xsd:element name="InputTrayStatus">
1978   <!-- InputTrayStatus - group -->
1979   <xsd:complexType>
1980     <xsd:sequence>
1981       <xsd:element ref="InputTrayId"
1982         minOccurs="1" maxOccurs="1"/>
1983       <xsd:element ref="InputTrayStates"
1984         minOccurs="1" maxOccurs="1"/>
1985       <xsd:element ref="InputTraySecurity"
1986         minOccurs="0" maxOccurs="1"/>
1987       <xsd:element ref="InputTrayMediaSizeName"
1988         minOccurs="0" maxOccurs="1"/>
1989       <xsd:element ref="InputTrayMediaType"
1990         minOccurs="0" maxOccurs="1"/>
1991       <xsd:element ref="InputTrayMediaInfo"
1992         minOccurs="0" maxOccurs="1"/>
1993       <xsd:element ref="InputTrayCurrentLevelBasis"
1994         minOccurs="0" maxOccurs="1"/>
1995       <xsd:element ref="InputTrayCurrentLevel"
1996         minOccurs="0" maxOccurs="1"/>
1997       <xsd:element ref="InputTrayMediaLoadTimeoutBasis"
1998         minOccurs="0" maxOccurs="1"/>
```

```
1999     <xsd:element ref="InputTrayMediaLoadTimeout"
2000         minOccurs="0" maxOccurs="1"/>
2001     <xsd:element ref="InputTrayNextInputTrayIdBasis"
2002         minOccurs="0" maxOccurs="1"/>
2003     <xsd:element ref="InputTrayNextInputTrayId"
2004         minOccurs="0" maxOccurs="1"/>
2005     <xsd:element ref="SubunitElement"
2006         minOccurs="0" maxOccurs="unbounded"/>
2007     </xsd:sequence>
2008 </xsd:complexType>
2009 </xsd:element>
2010
2011 <xsd:element name="InputTrayDescription">
2012     <!-- InputTrayDescription - group -->
2013     <xsd:complexType>
2014         <xsd:sequence>
2015             <xsd:element ref="InputTrayType"
2016                 minOccurs="1" maxOccurs="1"/>
2017             <xsd:element ref="InputTrayInfo"
2018                 minOccurs="0" maxOccurs="1"/>
2019             <xsd:element ref="InputTrayName"
2020                 minOccurs="0" maxOccurs="1"/>
2021             <xsd:element ref="InputTrayVendorName"
2022                 minOccurs="0" maxOccurs="1"/>
2023             <xsd:element ref="InputTrayModel"
2024                 minOccurs="0" maxOccurs="1"/>
2025             <xsd:element ref="InputTrayVersion"
2026                 minOccurs="0" maxOccurs="1"/>
2027             <xsd:element ref="InputTraySerialNumber"
2028                 minOccurs="0" maxOccurs="1"/>
2029             <xsd:element ref="InputTrayCapacityUnit"
2030                 minOccurs="0" maxOccurs="1"/>
2031             <xsd:element ref="InputTrayMaxCapacityBasis"
2032                 minOccurs="0" maxOccurs="1"/>
2033             <xsd:element ref="InputTrayMaxCapacity"
2034                 minOccurs="0" maxOccurs="1"/>
2035             <xsd:element ref="SubunitElement"
2036                 minOccurs="0" maxOccurs="unbounded"/>
2037         </xsd:sequence>
2038     </xsd:complexType>
2039 </xsd:element>
2040
2041 <xsd:complexType name="InputTrays">
2042     <!-- InputTrays - set of input trays -->
2043     <xsd:sequence>
2044         <xsd:element ref="InputTray"
2045             minOccurs="0" maxOccurs="unbounded"/>
2046     </xsd:sequence>
2047 </xsd:complexType>
2048
2049 <xsd:complexType name="InputTray">
2050     <!-- InputTray - type -->
2051     <xsd:sequence>
2052         <xsd:element ref="InputTrayStatus"
```

```
2053         minOccurs="1" maxOccurs="1"/>
2054     <xsd:element ref="InputTrayDescription"
2055         minOccurs="0" maxOccurs="1"/>
2056     <xsd:element ref="SubunitElement"
2057         minOccurs="0" maxOccurs="unbounded"/>
2058 </xsd:sequence>
2059 </xsd:complexType>
2060
2061 <xsd:element name="InputTrays" type="InputTrays"/>
2062 <!-- InputTrays - set of input trays -->
2063 <!-- see prtInputTable in [RFC3805] -->
2064
2065 <xsd:element name="InputTray" type="InputTray"/>
2066 <!-- InputTray - subunit -->
2067 <!-- see prtInputEntry in [RFC3805] -->
2068
2069 <xsd:element name="InterfaceStatus">
2070 <!-- InterfaceStatus - group -->
2071 <xsd:complexType>
2072 <xsd:sequence>
2073     <xsd:element ref="InterfaceId"
2074         minOccurs="1" maxOccurs="1"/>
2075     <xsd:element ref="InterfaceHighSpeed"
2076         minOccurs="1" maxOccurs="1"/>
2077     <xsd:element ref="InterfaceAdminState"
2078         minOccurs="1" maxOccurs="1"/>
2079     <xsd:element ref="InterfaceOperState"
2080         minOccurs="1" maxOccurs="1"/>
2081     <xsd:element ref="InterfaceLastChangeDate"
2082         minOccurs="0" maxOccurs="1"/>
2083     <xsd:element ref="InterfacePhysicalAddress"
2084         minOccurs="0" maxOccurs="1"/>
2085     <xsd:element ref="InterfaceInOctets"
2086         minOccurs="0" maxOccurs="1"/>
2087     <xsd:element ref="InterfaceInUnicastPackets"
2088         minOccurs="0" maxOccurs="1"/>
2089     <xsd:element ref="InterfaceInDiscards"
2090         minOccurs="0" maxOccurs="1"/>
2091     <xsd:element ref="InterfaceInErrors"
2092         minOccurs="0" maxOccurs="1"/>
2093     <xsd:element ref="InterfaceInUnknownProtocols"
2094         minOccurs="0" maxOccurs="1"/>
2095     <xsd:element ref="InterfaceOutOctets"
2096         minOccurs="0" maxOccurs="1"/>
2097     <xsd:element ref="InterfaceOutUnicastPackets"
2098         minOccurs="0" maxOccurs="1"/>
2099     <xsd:element ref="InterfaceOutDiscards"
2100         minOccurs="0" maxOccurs="1"/>
2101     <xsd:element ref="InterfaceOutErrors"
2102         minOccurs="0" maxOccurs="1"/>
2103     <xsd:element ref="SubunitElement"
2104         minOccurs="0" maxOccurs="unbounded"/>
2105 </xsd:sequence>
2106 </xsd:complexType>
```

```
2107 </xsd:element>
2108
2109 <xsd:element name="InterfaceDescription">
2110   <!-- InterfaceDescription - group -->
2111   <xsd:complexType>
2112     <xsd:sequence>
2113       <xsd:element ref="InterfaceType"
2114         minOccurs="1" maxOccurs="1"/>
2115       <xsd:element ref="InterfaceInfo"
2116         minOccurs="0" maxOccurs="1"/>
2117       <xsd:element ref="InterfaceName"
2118         minOccurs="0" maxOccurs="1"/>
2119       <xsd:element ref="InterfaceMaxPacketSize"
2120         minOccurs="0" maxOccurs="1"/>
2121       <xsd:element ref="InterfaceMaxSpeed"
2122         minOccurs="0" maxOccurs="1"/>
2123       <xsd:element ref="SubunitElement"
2124         minOccurs="0" maxOccurs="unbounded"/>
2125     </xsd:sequence>
2126   </xsd:complexType>
2127 </xsd:element>
2128
2129 <xsd:complexType name="Interfaces">
2130   <!-- Interfaces - set of interfaces -->
2131   <xsd:sequence>
2132     <xsd:element ref="Interface"
2133       minOccurs="0" maxOccurs="unbounded"/>
2134   </xsd:sequence>
2135 </xsd:complexType>
2136
2137 <xsd:complexType name="Interface">
2138   <!-- Interface - type -->
2139   <xsd:sequence>
2140     <xsd:element ref="InterfaceStatus"
2141       minOccurs="1" maxOccurs="1"/>
2142     <xsd:element ref="InterfaceDescription"
2143       minOccurs="0" maxOccurs="1"/>
2144     <xsd:element ref="SubunitElement"
2145       minOccurs="0" maxOccurs="unbounded"/>
2146   </xsd:sequence>
2147 </xsd:complexType>
2148
2149 <xsd:element name="Interfaces" type="Interfaces"/>
2150   <!-- Interfaces - set of interfaces -->
2151   <!-- see ifTable in [RFC2863] -->
2152
2153 <xsd:element name="Interface" type="Interface"/>
2154   <!-- Interface - subunit -->
2155   <!-- see ifEntry in [RFC2863] -->
2156
2157 <xsd:element name="InterpreterStatus">
2158   <!-- InterpreterStatus - group -->
2159   <xsd:complexType>
2160     <xsd:sequence>
```



```
2161     <xsd:element ref="InterpreterId"
2162         minOccurs="1" maxOccurs="1"/>
2163     <xsd:element ref="InterpreterDefaultOrientation"
2164         minOccurs="0" maxOccurs="1"/>
2165     <xsd:element ref="InterpreterAddressabilityUnit"
2166         minOccurs="0" maxOccurs="1"/>
2167     <xsd:element ref="InterpreterAddressabilityBasis"
2168         minOccurs="0" maxOccurs="1"/>
2169     <xsd:element ref="InterpreterFeedAddressability"
2170         minOccurs="0" maxOccurs="1"/>
2171     <xsd:element ref="InterpreterCrossFeedAddressability"
2172         minOccurs="0" maxOccurs="1"/>
2173     <xsd:element ref="InterpreterDefaultCharsetIn"
2174         minOccurs="0" maxOccurs="1"/>
2175     <xsd:element ref="InterpreterDefaultCharsetOut"
2176         minOccurs="0" maxOccurs="1"/>
2177     <xsd:element ref="InterpreterIsTwoWay"
2178         minOccurs="0" maxOccurs="1"/>
2179     <xsd:element ref="SubunitElement"
2180         minOccurs="0" maxOccurs="unbounded"/>
2181 </xsd:sequence>
2182 </xsd:complexType>
2183 </xsd:element>
2184
2185 <xsd:element name="InterpreterDescription">
2186     <!-- InterpreterDescription - group -->
2187     <xsd:complexType>
2188         <xsd:sequence>
2189             <xsd:element ref="InterpreterLanguageFamily"
2190                 minOccurs="0" maxOccurs="1"/>
2191             <xsd:element ref="InterpreterLanguageSupported"
2192                 minOccurs="0" maxOccurs="1"/>
2193             <xsd:element ref="InterpreterLanguageLevel"
2194                 minOccurs="0" maxOccurs="1"/>
2195             <xsd:element ref="InterpreterLanguageVersion"
2196                 minOccurs="0" maxOccurs="1"/>
2197             <xsd:element ref="InterpreterInfo"
2198                 minOccurs="0" maxOccurs="1"/>
2199             <xsd:element ref="InterpreterVersion"
2200                 minOccurs="0" maxOccurs="1"/>
2201             <xsd:element ref="SubunitElement"
2202                 minOccurs="0" maxOccurs="unbounded"/>
2203         </xsd:sequence>
2204     </xsd:complexType>
2205 </xsd:element>
2206
2207 <xsd:complexType name="Interpreters">
2208     <!-- Interpreters - set of interpreters -->
2209     <xsd:sequence>
2210         <xsd:element ref="Interpreter"
2211             minOccurs="0" maxOccurs="unbounded"/>
2212     </xsd:sequence>
2213 </xsd:complexType>
2214
```

```
2215 <xsd:complexType name="Interpreter">
2216   <!-- Interpreter - type -->
2217   <xsd:sequence>
2218     <xsd:element ref="InterpreterStatus"
2219       minOccurs="1" maxOccurs="1"/>
2220     <xsd:element ref="InterpreterDescription"
2221       minOccurs="0" maxOccurs="1"/>
2222     <xsd:element ref="SubunitElement"
2223       minOccurs="0" maxOccurs="unbounded"/>
2224   </xsd:sequence>
2225 </xsd:complexType>
2226
2227 <xsd:element name="Interpreters" type="Interpreters"/>
2228 <!-- Interpreters - set of interpreters -->
2229 <!-- see prtInterpreterTable in [RFC3805] -->
2230
2231 <xsd:element name="Interpreter" type="Interpreter"/>
2232 <!-- Interpreter - subunit -->
2233 <!-- see prtInterpreterEntry in [RFC3805] -->
2234
2235 <xsd:element name="MarkerColorantStatus">
2236   <!-- MarkerColorantStatus - group -->
2237   <xsd:complexType>
2238     <xsd:sequence>
2239       <xsd:element ref="MarkerColorantId"
2240         minOccurs="1" maxOccurs="1"/>
2241       <xsd:element ref="SubunitElement"
2242         minOccurs="0" maxOccurs="unbounded"/>
2243     </xsd:sequence>
2244   </xsd:complexType>
2245 </xsd:element>
2246
2247 <xsd:element name="MarkerColorantDescription">
2248   <!-- MarkerColorantDescription - group -->
2249   <xsd:complexType>
2250     <xsd:sequence>
2251       <xsd:element ref="MarkerColorantRole"
2252         minOccurs="1" maxOccurs="1"/>
2253       <xsd:element ref="MarkerColorantInfo"
2254         minOccurs="0" maxOccurs="1"/>
2255       <xsd:element ref="MarkerColorantName"
2256         minOccurs="0" maxOccurs="1"/>
2257       <xsd:element ref="MarkerColorantTonality"
2258         minOccurs="0" maxOccurs="1"/>
2259       <xsd:element ref="SubunitElement"
2260         minOccurs="0" maxOccurs="unbounded"/>
2261     </xsd:sequence>
2262   </xsd:complexType>
2263 </xsd:element>
2264
2265 <xsd:complexType name="MarkerColorants">
2266   <!-- MarkerColorants - set of marker colorants -->
2267   <xsd:sequence>
2268     <xsd:element ref="MarkerColorant"
```

```
2269         minOccurs="0" maxOccurs="unbounded"/>
2270     </xsd:sequence>
2271 </xsd:complexType>
2272
2273 <xsd:complexType name="MarkerColorant">
2274     <!-- MarkerColorant - type -->
2275     <xsd:sequence>
2276         <xsd:element ref="MarkerColorantStatus"
2277             minOccurs="1" maxOccurs="1"/>
2278         <xsd:element ref="MarkerColorantDescription"
2279             minOccurs="0" maxOccurs="1"/>
2280         <xsd:element ref="SubunitElement"
2281             minOccurs="0" maxOccurs="unbounded"/>
2282     </xsd:sequence>
2283 </xsd:complexType>
2284
2285 <xsd:element name="MarkerColorants" type="MarkerColorants"/>
2286     <!-- MarkerColorants - set of marker colorants -->
2287     <!-- see prtMarkerColorantTable in [RFC3805] -->
2288
2289 <xsd:element name="MarkerColorant" type="MarkerColorant"/>
2290     <!-- MarkerColorant - component -->
2291     <!-- see prtMarkerColorantEntry in [RFC3805] -->
2292
2293 <xsd:element name="MarkerSupplyStatus">
2294     <!-- MarkerSupplyStatus - group -->
2295     <xsd:complexType>
2296         <xsd:sequence>
2297             <xsd:element ref="MarkerSupplyId"
2298                 minOccurs="1" maxOccurs="1"/>
2299             <xsd:element ref="MarkerSupplyColorantId"
2300                 minOccurs="0" maxOccurs="1"/>
2301             <xsd:element ref="MarkerSupplyCurrentLevelBasis"
2302                 minOccurs="0" maxOccurs="1"/>
2303             <xsd:element ref="MarkerSupplyCurrentLevel"
2304                 minOccurs="0" maxOccurs="1"/>
2305             <xsd:element ref="SubunitElement"
2306                 minOccurs="0" maxOccurs="unbounded"/>
2307         </xsd:sequence>
2308     </xsd:complexType>
2309 </xsd:element>
2310
2311 <xsd:element name="MarkerSupplyDescription">
2312     <!-- MarkerSupplyDescription - group -->
2313     <xsd:complexType>
2314         <xsd:sequence>
2315             <xsd:element ref="MarkerSupplyClass"
2316                 minOccurs="1" maxOccurs="1"/>
2317             <xsd:element ref="MarkerSupplyType"
2318                 minOccurs="1" maxOccurs="1"/>
2319             <xsd:element ref="MarkerSupplyInfo"
2320                 minOccurs="0" maxOccurs="1"/>
2321             <xsd:element ref="MarkerSupplyCapacityUnit"
2322                 minOccurs="0" maxOccurs="1"/>
```

```
2323     <xsd:element ref="MarkerSupplyMaxCapacityBasis"
2324         minOccurs="0" maxOccurs="1"/>
2325     <xsd:element ref="MarkerSupplyMaxCapacity"
2326         minOccurs="0" maxOccurs="1"/>
2327     <xsd:element ref="SubunitElement"
2328         minOccurs="0" maxOccurs="unbounded"/>
2329 </xsd:sequence>
2330 </xsd:complexType>
2331 </xsd:element>
2332
2333 <xsd:complexType name="MarkerSupplies">
2334     <!-- MarkerSupplies - set of marker supplies -->
2335     <xsd:sequence>
2336         <xsd:element ref="MarkerSupply"
2337             minOccurs="0" maxOccurs="unbounded"/>
2338     </xsd:sequence>
2339 </xsd:complexType>
2340
2341 <xsd:complexType name="MarkerSupply">
2342     <!-- MarkerSupply - type -->
2343     <xsd:sequence>
2344         <xsd:element ref="MarkerSupplyStatus"
2345             minOccurs="1" maxOccurs="1"/>
2346         <xsd:element ref="MarkerSupplyDescription"
2347             minOccurs="0" maxOccurs="1"/>
2348         <xsd:element ref="SubunitElement"
2349             minOccurs="0" maxOccurs="unbounded"/>
2350     </xsd:sequence>
2351 </xsd:complexType>
2352
2353 <xsd:element name="MarkerSupplies" type="MarkerSupplies"/>
2354     <!-- MarkerSupplies - set of marker supplies -->
2355     <!-- see prtMarkerSuppliesTable in [RFC3805] -->
2356
2357 <xsd:element name="MarkerSupply" type="MarkerSupply"/>
2358     <!-- MarkerSupply - component -->
2359     <!-- see prtMarkerSuppliesEntry in [RFC3805] -->
2360
2361 <xsd:element name="MarkerStatus">
2362     <!-- MarkerStatus - group -->
2363     <xsd:complexType>
2364         <xsd:sequence>
2365             <xsd:element ref="MarkerId"
2366                 minOccurs="1" maxOccurs="1"/>
2367             <xsd:element ref="MarkerStates"
2368                 minOccurs="1" maxOccurs="1"/>
2369             <xsd:element ref="MarkerCounterUnit"
2370                 minOccurs="0" maxOccurs="1"/>
2371             <xsd:element ref="MarkerLifeCount"
2372                 minOccurs="0" maxOccurs="1"/>
2373             <xsd:element ref="MarkerPowerOnCount"
2374                 minOccurs="0" maxOccurs="1"/>
2375             <xsd:element ref="MarkerAddressabilityUnit"
2376                 minOccurs="0" maxOccurs="1"/>
```

```
2377     <xsd:element ref="MarkerAddressabilityBasis"
2378         minOccurs="0" maxOccurs="1"/>
2379     <xsd:element ref="MarkerFeedAddressability"
2380         minOccurs="0" maxOccurs="1"/>
2381     <xsd:element ref="MarkerCrossFeedAddressability"
2382         minOccurs="0" maxOccurs="1"/>
2383     <xsd:element ref="MarkerMarginBasis"
2384         minOccurs="0" maxOccurs="1"/>
2385     <xsd:element ref="MarkerNorthMargin"
2386         minOccurs="0" maxOccurs="1"/>
2387     <xsd:element ref="MarkerSouthMargin"
2388         minOccurs="0" maxOccurs="1"/>
2389     <xsd:element ref="MarkerWestMargin"
2390         minOccurs="0" maxOccurs="1"/>
2391     <xsd:element ref="MarkerEastMargin"
2392         minOccurs="0" maxOccurs="1"/>
2393     <xsd:element ref="MarkerSupplies"
2394         minOccurs="0" maxOccurs="1"/>
2395     <xsd:element ref="MarkerColorants"
2396         minOccurs="0" maxOccurs="1"/>
2397     <xsd:element ref="SubunitElement"
2398         minOccurs="0" maxOccurs="unbounded"/>
2399 </xsd:sequence>
2400 </xsd:complexType>
2401 </xsd:element>
2402
2403 <xsd:element name="MarkerDescription">
2404     <!-- MarkerDescription - group -->
2405     <xsd:complexType>
2406         <xsd:sequence>
2407             <xsd:element ref="MarkerTechnology"
2408                 minOccurs="1" maxOccurs="1"/>
2409             <xsd:element ref="MarkerInfo"
2410                 minOccurs="0" maxOccurs="1"/>
2411             <xsd:element ref="MarkerProcessColorants"
2412                 minOccurs="0" maxOccurs="1"/>
2413             <xsd:element ref="MarkerSpotColorants"
2414                 minOccurs="0" maxOccurs="1"/>
2415             <xsd:element ref="SubunitElement"
2416                 minOccurs="0" maxOccurs="unbounded"/>
2417         </xsd:sequence>
2418     </xsd:complexType>
2419 </xsd:element>
2420
2421 <xsd:complexType name="Markers">
2422     <!-- Markers - set of markers -->
2423     <xsd:sequence>
2424         <xsd:element ref="Marker"
2425             minOccurs="0" maxOccurs="unbounded"/>
2426     </xsd:sequence>
2427 </xsd:complexType>
2428
2429 <xsd:complexType name="Marker">
2430     <!-- Marker - type -->
```

```
2431     <xsd:sequence>
2432         <xsd:element ref="MarkerStatus"
2433             minOccurs="1" maxOccurs="1"/>
2434         <xsd:element ref="MarkerDescription"
2435             minOccurs="0" maxOccurs="1"/>
2436         <xsd:element ref="SubunitElement"
2437             minOccurs="0" maxOccurs="unbounded"/>
2438     </xsd:sequence>
2439 </xsd:complexType>
2440
2441 <xsd:element name="Markers" type="Markers"/>
2442     <!-- Markers - set of markers -->
2443     <!-- see prtMarkerTable in [RFC3805] -->
2444
2445 <xsd:element name="Marker" type="Marker"/>
2446     <!-- Marker - subunit -->
2447     <!-- see prtMarkerEntry in [RFC3805] -->
2448
2449 <xsd:element name="MediaPathStatus">
2450     <!-- MediaPathStatus - group -->
2451     <xsd:complexType>
2452         <xsd:sequence>
2453             <xsd:element ref="MediaPathId"
2454                 minOccurs="1" maxOccurs="1"/>
2455             <xsd:element ref="MediaPathStates"
2456                 minOccurs="1" maxOccurs="1"/>
2457             <xsd:element ref="SubunitElement"
2458                 minOccurs="0" maxOccurs="unbounded"/>
2459         </xsd:sequence>
2460     </xsd:complexType>
2461 </xsd:element>
2462
2463 <xsd:element name="MediaPathDescription">
2464     <!-- MediaPathDescription - group -->
2465     <xsd:complexType>
2466         <xsd:sequence>
2467             <xsd:element ref="MediaPathType"
2468                 minOccurs="1" maxOccurs="1"/>
2469             <xsd:element ref="MediaPathInfo"
2470                 minOccurs="0" maxOccurs="1"/>
2471             <xsd:element ref="MediaPathMaxSpeedUnit"
2472                 minOccurs="0" maxOccurs="1"/>
2473             <xsd:element ref="MediaPathMaxSpeed"
2474                 minOccurs="0" maxOccurs="1"/>
2475             <xsd:element ref="MediaPathMaxMediaSizeName"
2476                 minOccurs="0" maxOccurs="1"/>
2477             <xsd:element ref="MediaPathMinMediaSizeName"
2478                 minOccurs="0" maxOccurs="1"/>
2479             <xsd:element ref="SubunitElement"
2480                 minOccurs="0" maxOccurs="unbounded"/>
2481         </xsd:sequence>
2482     </xsd:complexType>
2483 </xsd:element>
2484
```

```
2485 <xsd:complexType name="MediaPaths">
2486   <!-- MediaPaths - set of media paths -->
2487   <xsd:sequence>
2488     <xsd:element ref="MediaPath"
2489       minOccurs="0" maxOccurs="unbounded"/>
2490   </xsd:sequence>
2491 </xsd:complexType>
2492
2493 <xsd:complexType name="MediaPath">
2494   <!-- MediaPath - type -->
2495   <xsd:sequence>
2496     <xsd:element ref="MediaPathStatus"
2497       minOccurs="1" maxOccurs="1"/>
2498     <xsd:element ref="MediaPathDescription"
2499       minOccurs="0" maxOccurs="1"/>
2500     <xsd:element ref="SubunitElement"
2501       minOccurs="0" maxOccurs="unbounded"/>
2502   </xsd:sequence>
2503 </xsd:complexType>
2504
2505 <xsd:element name="MediaPaths" type="MediaPaths"/>
2506   <!-- MediaPaths - set of media paths -->
2507   <!-- see prtMediaPathTable in [RFC3805] -->
2508
2509 <xsd:element name="MediaPath" type="MediaPath"/>
2510   <!-- MediaPath - subunit -->
2511   <!-- see prtMediaPathEntry in [RFC3805] -->
2512
2513 <xsd:element name="OutputTrayStatus">
2514   <!-- OutputTrayStatus - group -->
2515   <xsd:complexType>
2516     <xsd:sequence>
2517       <xsd:element ref="OutputTrayId"
2518         minOccurs="1" maxOccurs="1"/>
2519       <xsd:element ref="OutputTrayStates"
2520         minOccurs="1" maxOccurs="1"/>
2521       <xsd:element ref="OutputTraySecurity"
2522         minOccurs="0" maxOccurs="1"/>
2523       <xsd:element ref="OutputTrayRemainingCapacityBasis"
2524         minOccurs="0" maxOccurs="1"/>
2525       <xsd:element ref="OutputTrayRemainingCapacity"
2526         minOccurs="0" maxOccurs="1"/>
2527       <xsd:element ref="OutputTrayStackingOrder"
2528         minOccurs="0" maxOccurs="1"/>
2529       <xsd:element ref="OutputTrayPageDeliveryOrientation"
2530         minOccurs="0" maxOccurs="1"/>
2531       <xsd:element ref="OutputTrayBursting"
2532         minOccurs="0" maxOccurs="1"/>
2533       <xsd:element ref="OutputTrayDecollating"
2534         minOccurs="0" maxOccurs="1"/>
2535       <xsd:element ref="OutputTrayPageCollated"
2536         minOccurs="0" maxOccurs="1"/>
2537       <xsd:element ref="OutputTrayOffsetStacking"
2538         minOccurs="0" maxOccurs="1"/>
```

```
2539     <xsd:element ref="SubunitElement"
2540         minOccurs="0" maxOccurs="unbounded"/>
2541     </xsd:sequence>
2542 </xsd:complexType>
2543 </xsd:element>
2544
2545 <xsd:element name="OutputTrayDescription">
2546     <!-- OutputTrayDescription - group -->
2547     <xsd:complexType>
2548         <xsd:sequence>
2549             <xsd:element ref="OutputTrayType"
2550                 minOccurs="1" maxOccurs="1"/>
2551             <xsd:element ref="OutputTrayInfo"
2552                 minOccurs="0" maxOccurs="1"/>
2553             <xsd:element ref="OutputTrayName"
2554                 minOccurs="0" maxOccurs="1"/>
2555             <xsd:element ref="OutputTrayVendorName"
2556                 minOccurs="0" maxOccurs="1"/>
2557             <xsd:element ref="OutputTrayModel"
2558                 minOccurs="0" maxOccurs="1"/>
2559             <xsd:element ref="OutputTrayVersion"
2560                 minOccurs="0" maxOccurs="1"/>
2561             <xsd:element ref="OutputTraySerialNumber"
2562                 minOccurs="0" maxOccurs="1"/>
2563             <xsd:element ref="OutputTrayCapacityUnit"
2564                 minOccurs="0" maxOccurs="1"/>
2565             <xsd:element ref="OutputTrayMaxCapacityBasis"
2566                 minOccurs="0" maxOccurs="1"/>
2567             <xsd:element ref="OutputTrayMaxCapacity"
2568                 minOccurs="0" maxOccurs="1"/>
2569             <xsd:element ref="OutputTrayMaxMediaSizeName"
2570                 minOccurs="0" maxOccurs="1"/>
2571             <xsd:element ref="OutputTrayMinMediaSizeName"
2572                 minOccurs="0" maxOccurs="1"/>
2573             <xsd:element ref="SubunitElement"
2574                 minOccurs="0" maxOccurs="unbounded"/>
2575         </xsd:sequence>
2576     </xsd:complexType>
2577 </xsd:element>
2578
2579 <xsd:complexType name="OutputTrays">
2580     <!-- OutputTrays - set of output trays -->
2581     <xsd:sequence>
2582         <xsd:element ref="OutputTray"
2583             minOccurs="0" maxOccurs="unbounded"/>
2584     </xsd:sequence>
2585 </xsd:complexType>
2586
2587 <xsd:complexType name="OutputTray">
2588     <!-- OutputTray - type -->
2589     <xsd:sequence>
2590         <xsd:element ref="OutputTrayStatus"
2591             minOccurs="1" maxOccurs="1"/>
2592         <xsd:element ref="OutputTrayDescription"
```



```
2593         minOccurs="0" maxOccurs="1"/>
2594     <xsd:element ref="SubunitElement"
2595         minOccurs="0" maxOccurs="unbounded"/>
2596 </xsd:sequence>
2597 </xsd:complexType>
2598
2599 <xsd:element name="OutputTrays" type="OutputTrays"/>
2600     <!-- OutputTrays - set of output trays -->
2601     <!-- see prtOutputTable in [RFC3805] -->
2602
2603 <xsd:element name="OutputTray" type="OutputTray"/>
2604     <!-- OutputTray - subunit -->
2605     <!-- see prtOutputEntry in [RFC3805] -->
2606
2607 <xsd:element name="ScannerStatus">
2608     <!-- ScannerStatus - group -->
2609     <xsd:complexType>
2610         <xsd:sequence>
2611             <xsd:element ref="ScannerId"
2612                 minOccurs="1" maxOccurs="1"/>
2613             <xsd:element ref="ScannerStates"
2614                 minOccurs="1" maxOccurs="1"/>
2615             <xsd:element ref="ScannerCounterUnit"
2616                 minOccurs="0" maxOccurs="1"/>
2617             <xsd:element ref="ScannerLifeCount"
2618                 minOccurs="0" maxOccurs="1"/>
2619             <xsd:element ref="ScannerPowerOnCount"
2620                 minOccurs="0" maxOccurs="1"/>
2621             <xsd:element ref="ScannerAddressabilityUnit"
2622                 minOccurs="0" maxOccurs="1"/>
2623             <xsd:element ref="ScannerAddressabilityBasis"
2624                 minOccurs="0" maxOccurs="1"/>
2625             <xsd:element ref="ScannerFeedAddressability"
2626                 minOccurs="0" maxOccurs="1"/>
2627             <xsd:element ref="ScannerCrossFeedAddressability"
2628                 minOccurs="0" maxOccurs="1"/>
2629             <xsd:element ref="ScannerMarginBasis"
2630                 minOccurs="0" maxOccurs="1"/>
2631             <xsd:element ref="ScannerNorthMargin"
2632                 minOccurs="0" maxOccurs="1"/>
2633             <xsd:element ref="ScannerSouthMargin"
2634                 minOccurs="0" maxOccurs="1"/>
2635             <xsd:element ref="ScannerWestMargin"
2636                 minOccurs="0" maxOccurs="1"/>
2637             <xsd:element ref="ScannerEastMargin"
2638                 minOccurs="0" maxOccurs="1"/>
2639             <xsd:element ref="SubunitElement"
2640                 minOccurs="0" maxOccurs="unbounded"/>
2641         </xsd:sequence>
2642     </xsd:complexType>
2643 </xsd:element>
2644
2645 <xsd:element name="ScannerDescription">
2646     <!-- ScannerDescription - group -->
```

```
2647     <xsd:complexType>
2648     <xsd:sequence>
2649         <xsd:element ref="ScannerInfo"
2650             minOccurs="0" maxOccurs="1"/>
2651         <xsd:element ref="ScannerColorPlanes"
2652             minOccurs="0" maxOccurs="1"/>
2653         <xsd:element ref="ScannerBitsPerPixel"
2654             minOccurs="0" maxOccurs="1"/>
2655         <xsd:element ref="SubunitElement"
2656             minOccurs="0" maxOccurs="unbounded"/>
2657     </xsd:sequence>
2658 </xsd:complexType>
2659 </xsd:element>
2660
2661 <xsd:complexType name="Scanners">
2662     <!-- Scanners - set of scanners -->
2663     <xsd:sequence>
2664         <xsd:element ref="Scanner"
2665             minOccurs="0" maxOccurs="unbounded"/>
2666     </xsd:sequence>
2667 </xsd:complexType>
2668
2669 <xsd:complexType name="Scanner">
2670     <!-- Scanner - type -->
2671     <xsd:sequence>
2672         <xsd:element ref="ScannerStatus"
2673             minOccurs="1" maxOccurs="1"/>
2674         <xsd:element ref="ScannerDescription"
2675             minOccurs="0" maxOccurs="1"/>
2676         <xsd:element ref="SubunitElement"
2677             minOccurs="0" maxOccurs="unbounded"/>
2678     </xsd:sequence>
2679 </xsd:complexType>
2680
2681 <xsd:element name="Scanners" type="Scanners"/>
2682     <!-- Scanners - set of scanners -->
2683
2684 <xsd:element name="Scanner" type="Scanner"/>
2685     <!-- Scanner - subunit -->
2686
2687 <xsd:element name="VendorSubunitStatus">
2688     <!-- VendorSubunitStatus - group -->
2689     <xsd:complexType>
2690         <xsd:sequence>
2691             <xsd:element ref="SubunitId"
2692                 minOccurs="1" maxOccurs="1"/>
2693             <xsd:element ref="SubunitStates"
2694                 minOccurs="1" maxOccurs="1"/>
2695             <xsd:element ref="SubunitCounterUnit"
2696                 minOccurs="0" maxOccurs="1"/>
2697             <xsd:element ref="SubunitLifeCount"
2698                 minOccurs="0" maxOccurs="1"/>
2699             <xsd:element ref="SubunitPowerOnCount"
2700                 minOccurs="0" maxOccurs="1"/>
```

```
2701     <xsd:element ref="SubunitElement"
2702         minOccurs="0" maxOccurs="unbounded" />
2703     </xsd:sequence>
2704 </xsd:complexType>
2705 </xsd:element>
2706
2707 <xsd:element name="VendorSubunitDescription">
2708     <!-- VendorSubunitDescription - group -->
2709     <xsd:complexType>
2710         <xsd:sequence>
2711             <xsd:element ref="SubunitInfo"
2712                 minOccurs="0" maxOccurs="1" />
2713             <xsd:element ref="SubunitElement"
2714                 minOccurs="0" maxOccurs="unbounded" />
2715         </xsd:sequence>
2716     </xsd:complexType>
2717 </xsd:element>
2718
2719 <xsd:complexType name="VendorSubunits">
2720     <!-- VendorSubunits - set of vendor subunits -->
2721     <xsd:sequence>
2722         <xsd:element ref="VendorSubunit"
2723             minOccurs="0" maxOccurs="unbounded" />
2724     </xsd:sequence>
2725 </xsd:complexType>
2726
2727 <xsd:complexType name="VendorSubunit">
2728     <!-- VendorSubunit - type -->
2729     <xsd:sequence>
2730         <xsd:element ref="VendorSubunitStatus"
2731             minOccurs="1" maxOccurs="1" />
2732         <xsd:element ref="VendorSubunitDescription"
2733             minOccurs="0" maxOccurs="1" />
2734         <xsd:element ref="SubunitElement"
2735             minOccurs="0" maxOccurs="unbounded" />
2736     </xsd:sequence>
2737 </xsd:complexType>
2738
2739 <xsd:element name="VendorSubunits" type="VendorSubunits" />
2740     <!-- VendorSubunits - set of vendor subunits -->
2741
2742 <xsd:element name="VendorSubunit" type="VendorSubunit" />
2743     <!-- VendorSubunit - subunit -->
2744
2745 <xsd:complexType name="SubunitReferences">
2746     <!-- SubunitReferences - type -->
2747     <xsd:sequence>
2748         <xsd:element ref="SubunitReference"
2749             minOccurs="0" maxOccurs="unbounded" />
2750     </xsd:sequence>
2751 </xsd:complexType>
2752
2753 <xsd:complexType name="SubunitReference">
2754     <!-- SubunitReference - type -->
```

```
2755 <xsd:choice minOccurs="0" maxOccurs="1">
2756 <xsd:element ref="ConsoleId"
2757     minOccurs="0" maxOccurs="1"/>
2758 <xsd:element ref="CoverId"
2759     minOccurs="0" maxOccurs="1"/>
2760 <xsd:element ref="InputChannelId"
2761     minOccurs="0" maxOccurs="1"/>
2762 <xsd:element ref="InputTrayId"
2763     minOccurs="0" maxOccurs="1"/>
2764 <xsd:element ref="InterfaceId"
2765     minOccurs="0" maxOccurs="1"/>
2766 <xsd:element ref="InterpreterId"
2767     minOccurs="0" maxOccurs="1"/>
2768 <xsd:element ref="MarkerId"
2769     minOccurs="0" maxOccurs="1"/>
2770 <xsd:element ref="MediaPathId"
2771     minOccurs="0" maxOccurs="1"/>
2772 <xsd:element ref="OutputTrayId"
2773     minOccurs="0" maxOccurs="1"/>
2774 <xsd:element ref="ScannerId"
2775     minOccurs="0" maxOccurs="1"/>
2776 <xsd:element ref="SubunitId"
2777     minOccurs="0" maxOccurs="1"/>
2778 </xsd:choice>
2779 </xsd:complexType>
2780
2781 <xsd:element name="SubunitReferences" type="SubunitReferences"/>
2782 <!-- SubunitReferences - set of subunit references on system -->
2783
2784 <xsd:element name="SubunitReference" type="SubunitReference"/>
2785 <!-- SubunitReference - single subunit reference on system -->
2786
2787 <xsd:complexType name="Subunits">
2788 <!-- Subunits - type -->
2789 <xsd:sequence>
2790 <xsd:element ref="Consoles"
2791     minOccurs="0" maxOccurs="1"/>
2792 <xsd:element ref="Covers"
2793     minOccurs="0" maxOccurs="1"/>
2794 <xsd:element ref="Finishers"
2795     minOccurs="0" maxOccurs="1"/>
2796 <xsd:element ref="InputChannels"
2797     minOccurs="0" maxOccurs="1"/>
2798 <xsd:element ref="InputTrays"
2799     minOccurs="0" maxOccurs="1"/>
2800 <xsd:element ref="Interfaces"
2801     minOccurs="0" maxOccurs="1"/>
2802 <xsd:element ref="Interpreters"
2803     minOccurs="0" maxOccurs="1"/>
2804 <xsd:element ref="Markers"
2805     minOccurs="0" maxOccurs="1"/>
2806 <xsd:element ref="MediaPaths"
2807     minOccurs="0" maxOccurs="1"/>
2808 <xsd:element ref="OutputTrays"
```

```
2809         minOccurs="0" maxOccurs="1"/>
2810     <xsd:element ref="Scanners"
2811         minOccurs="0" maxOccurs="1"/>
2812     <xsd:element ref="VendorSubunits"
2813         minOccurs="0" maxOccurs="1"/>
2814 </xsd:sequence>
2815 </xsd:complexType>
2816
2817 <xsd:complexType name="Subunit">
2818     <!-- Subunit - type -->
2819     <xsd:choice minOccurs="0" maxOccurs="1">
2820         <xsd:element ref="Console"
2821             minOccurs="0" maxOccurs="1"/>
2822         <xsd:element ref="Cover"
2823             minOccurs="0" maxOccurs="1"/>
2824         <xsd:element ref="Finisher"
2825             minOccurs="0" maxOccurs="1"/>
2826         <xsd:element ref="InputChannel"
2827             minOccurs="0" maxOccurs="1"/>
2828         <xsd:element ref="InputTray"
2829             minOccurs="0" maxOccurs="1"/>
2830         <xsd:element ref="Interface"
2831             minOccurs="0" maxOccurs="1"/>
2832         <xsd:element ref="Interpreter"
2833             minOccurs="0" maxOccurs="1"/>
2834         <xsd:element ref="Marker"
2835             minOccurs="0" maxOccurs="1"/>
2836         <xsd:element ref="MediaPath"
2837             minOccurs="0" maxOccurs="1"/>
2838         <xsd:element ref="OutputTray"
2839             minOccurs="0" maxOccurs="1"/>
2840         <xsd:element ref="Scanner"
2841             minOccurs="0" maxOccurs="1"/>
2842         <xsd:element ref="VendorSubunit"
2843             minOccurs="0" maxOccurs="1"/>
2844     </xsd:choice>
2845 </xsd:complexType>
2846
2847 <xsd:element name="Subunits" type="Subunits"/>
2848     <!-- Subunits - set of subunits on system -->
2849
2850 <xsd:element name="Subunit" type="Subunit"/>
2851     <!-- Subunit - single subunit on system -->
2852
2853 </xsd:schema>
2854
```