


```

52 <xs:element name="collectionType" type="enumeration"/>
53 <xs:element name="collectionProfile" minOccurs="0" maxOccurs="unbounded">
54   <xs:complexType>
55     <xs:sequence>
56       <xs:element name="collectionProfileKey" type="xs:string"/>
57       <xs:element ref="resourceType" minOccurs="0"/>
58       <xs:element ref="measurementType" minOccurs="0"/>
59       <xs:element name="numberOfUnits" type="xs:positiveInteger" minOccurs="0"/>
60       <xs:element name="averageAnnualIncrease" type="xs:positiveInteger" minOccurs="0"/>
61       <xs:element name="averageAnnualDecrease" type="xs:positiveInteger" minOccurs="0"/>
62       <xs:element name="accrualPolicy" type="enumeration" minOccurs="0"/>
63       <xs:element name="accrualPeriodicity" type="enumeration" minOccurs="0"/>
64       <xs:element name="accrualMethod" type="enumeration" minOccurs="0"/>
65       <xs:element name="disposalPolicy" type="enumeration" minOccurs="0"/>
66       <xs:element name="coverage" minOccurs="0" maxOccurs="unbounded">
67         <xs:complexType>
68           <xs:sequence>
69             <xs:element name="coverageType" type="enumeration"/>
70             <xs:element name="coverageArea" type="enumeration"/>
71             <xs:element ref="description" minOccurs="0" maxOccurs="unbounded"/>
72             <xs:element name="currentStrength" type="enumeration" minOccurs="0"/>
73             <xs:element name="currentStrengthNotes" type="seqLangString" minOccurs="0"/>
74             <xs:element name="plannedStrength" type="enumeration" minOccurs="0"/>
75             <xs:element name="plannedStrengthNotes" type="seqLangString" minOccurs="0"/>
76           </xs:sequence>
77         </xs:complexType>
78       </xs:element>
79       <xs:element ref="notes" minOccurs="0"/>
80     </xs:sequence>
81   </xs:complexType>
82 </xs:element>
83 </xs:sequence>
84 </xs:complexType>
85 </xs:element>
86 <xs:element name="activity">
87   <xs:complexType>
88     <xs:sequence>
89       <xs:element name="activityType" type="enumeration"/>
90     </xs:sequence>
91   </xs:complexType>
92 </xs:element>
93 <xs:element name="service">
94   <xs:complexType>
95     <xs:sequence>
96       <xs:element name="serviceType" type="enumeration"/>
97       <xs:element ref="function" maxOccurs="unbounded"/>
98       <xs:element name="product" minOccurs="0" maxOccurs="unbounded">
99         <xs:complexType>
100           <xs:sequence>
101             <xs:element ref="productKey"/>
102             <xs:element name="productType" type="enumeration"/>

```

```

103     <xs:element ref="function" minOccurs="0"/>
104     <xs:element ref="description" minOccurs="0" maxOccurs="unbounded"/>
105     <xs:element name="inputDescription" type="enumeration" minOccurs="0"/>
106     <xs:element name="outputDescription" type="enumeration" minOccurs="0"/>
107     <xs:element ref="notes" minOccurs="0"/>
108   </xs:sequence>
109 </xs:complexType>
110 </xs:element>
111 <xs:element name="serviceTimes" minOccurs="0" maxOccurs="unbounded">
112   <xs:complexType>
113     <xs:sequence>
114       <xs:element ref="serviceTimesKey"/>
115       <xs:element ref="description" minOccurs="0" maxOccurs="unbounded"/>
116       <xs:element name="serviceHours" minOccurs="0" maxOccurs="unbounded">
117         <xs:complexType>
118           <xs:sequence>
119             <xs:element name="dayOfWeek">
120               <xs:simpleType>
121                 <xs:restriction base="xs:positiveInteger">
122                   <xs:minInclusive value="1"/>
123                   <xs:maxInclusive value="7"/>
124                 </xs:restriction>
125               </xs:simpleType>
126             </xs:element>
127             <xs:element name="timeValidFrom" type="xs:time"/>
128             <xs:element name="timeValidTo" type="xs:time"/>
129           </xs:sequence>
130         </xs:complexType>
131       </xs:element>
132       <xs:element ref="dateRange" minOccurs="0"/>
133       <xs:element name="suspension" minOccurs="0" maxOccurs="unbounded">
134         <xs:complexType>
135           <xs:sequence>
136             <xs:element ref="dateRange"/>
137             <xs:element ref="notes" minOccurs="0"/>
138           </xs:sequence>
139         </xs:complexType>
140       </xs:element>
141     </xs:sequence>
142   </xs:complexType>
143 </xs:element>
144 <xs:element name="accessPolicy" minOccurs="0" maxOccurs="unbounded">
145   <xs:complexType>
146     <xs:sequence>
147       <xs:element name="accessPolicyKey" type="xs:string"/>
148       <xs:element ref="function" minOccurs="0" maxOccurs="unbounded"/>
149       <xs:element name="userCategory" type="enumeration" minOccurs="0" maxOccurs="unbounded"/>
150       <xs:element ref="location" minOccurs="0" maxOccurs="unbounded"/>
151       <xs:element name="affiliation" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
152       <xs:element name="targetCollection" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>
153       <xs:element name="targetActivity" type="xs:string" minOccurs="0" maxOccurs="unbounded"/>

```



```

205         </xs:element>
206         <xs:element ref="productKey"/>
207     </xs:choice>
208     <xs:element ref="isSupported" minOccurs="0"/>
209     <xs:element ref="description" minOccurs="0" maxOccurs="unbounded"/>
210     <xs:element name="obligationAttribute" type="enumeration" minOccurs="0" maxOccurs="unbounded"/>
211     <xs:element ref="contactRole" minOccurs="0"/>
212     <xs:element name="charge" minOccurs="0">
213         <xs:complexType>
214             <xs:sequence>
215                 <xs:element name="currency" type="enumeration"/>
216                 <xs:element ref="chargeAmount"/>
217                 <xs:element name="taxIncluded" type="xs:boolean" minOccurs="0"/>
218                 <xs:element ref="tax" minOccurs="0"/>
219                 <xs:element name="increment" minOccurs="0">
220                     <xs:complexType>
221                         <xs:sequence>
222                             <xs:element name="incrementType" type="enumeration"/>
223                             <xs:element name="incrementQuantity" type="xs:decimal"/>
224                             <xs:element name="minimumQuantity" type="xs:decimal" minOccurs="0"/>
225                             <xs:element name="maximumQuantity" type="xs:decimal" minOccurs="0"/>
226                             <xs:element ref="chargeAmount" minOccurs="0"/>
227                             <xs:element ref="tax" minOccurs="0"/>
228                             <xs:element name="replacePreviousLevel" type="xs:boolean" minOccurs="0"/>
229                         </xs:sequence>
230                     </xs:complexType>
231                 </xs:element>
232                 <xs:element ref="notes" minOccurs="0"/>
233             </xs:sequence>
234         </xs:complexType>
235     </xs:element>
236 </xs:sequence>
237 </xs:complexType>
238 </xs:element>
239     <xs:element ref="notes" minOccurs="0"/>
240 </xs:sequence>
241 </xs:complexType>
242 </xs:element>
243 <xs:element name="protocolInformation" minOccurs="0" maxOccurs="unbounded">
244     <xs:complexType>
245         <xs:sequence>
246             <xs:element name="protocol" type="enumeration"/>
247             <xs:element name="protocolVersion" type="xs:decimal" maxOccurs="unbounded"/>
248             <xs:element name="software" type="xs:string" minOccurs="0"/>
249             <xs:element name="softwareVersion" type="xs:decimal" minOccurs="0"/>
250             <xs:element name="supportedProfile" type="enumeration" minOccurs="0" maxOccurs="unbounded"/>
251             <xs:element name="supportedFeature" minOccurs="0" maxOccurs="unbounded">
252                 <xs:complexType>
253                     <xs:sequence>
254                         <xs:element name="featureType" type="enumeration"/>
255                         <xs:element name="featureKey" type="xs:string"/>

```

```

256         <xs:element name="featureName" type="seqLangString" minOccurs="0"/>
257         <xs:element ref="isSupported" minOccurs="0"/>
258         <xs:element ref="isDefault" minOccurs="0"/>
259         <xs:element name="defaultSetting" type="enumeration" minOccurs="0"/>
260         <xs:element name="mapping" type="enumeration" minOccurs="0" maxOccurs="unbounded"/>
261         <xs:element name="featureSpecificAttribute" type="enumeration" minOccurs="0" maxOccurs="unbounded"/>
262     </xs:sequence>
263 </xs:complexType>
264 </xs:element>
265 <xs:element name="supportedCharacterSet" minOccurs="0" maxOccurs="unbounded">
266     <xs:complexType>
267         <xs:sequence>
268             <xs:element name="characterEncoding" type="enumeration"/>
269         </xs:sequence>
270     </xs:complexType>
271 </xs:element>
272 </xs:sequence>
273 </xs:complexType>
274 </xs:element>
275 </xs:sequence>
276 </xs:complexType>
277 </xs:element>
278 </xs:choice>
279 <xs:element name="identifier" minOccurs="0" maxOccurs="unbounded">
280     <xs:complexType>
281         <xs:sequence>
282             <xs:element name="identifierValue" type="enumeration"/>
283             <xs:element name="identifierRole" type="enumeration" minOccurs="0"/>
284             <xs:element ref="isDefault" minOccurs="0"/>
285             <xs:element ref="dateRange" minOccurs="0"/>
286             <xs:element ref="status" minOccurs="0"/>
287             <xs:element ref="notes" minOccurs="0"/>
288         </xs:sequence>
289     </xs:complexType>
290 </xs:element>
291 <xs:element name="name" maxOccurs="unbounded">
292     <xs:complexType>
293         <xs:sequence>
294             <xs:element name="nameRole" type="enumeration"/>
295             <xs:element name="namePart" maxOccurs="unbounded">
296                 <xs:complexType>
297                     <xs:sequence>
298                         <xs:element name="namePartValue" type="seqLangString"/>
299                         <xs:element name="namePartType" type="enumeration" minOccurs="0"/>
300                     </xs:sequence>
301                 </xs:complexType>
302             </xs:element>
303             <xs:element ref="dateRange" minOccurs="0"/>
304             <xs:element ref="status" minOccurs="0"/>
305             <xs:element ref="notes" minOccurs="0"/>
306         </xs:sequence>

```

```

307     </xs:complexType>
308 </xs:element>
309 <xs:element name="relation" minOccurs="0" maxOccurs="unbounded">
310   <xs:complexType>
311     <xs:sequence>
312       <xs:element ref="relationType"/>
313       <xs:element ref="relationCategory" minOccurs="0"/>
314       <xs:element name="relatedRegistryObject" type="xs:string"/>
315       <xs:element ref="dateRange" minOccurs="0"/>
316       <xs:element ref="status" minOccurs="0"/>
317       <xs:element ref="notes" minOccurs="0"/>
318     </xs:sequence>
319   </xs:complexType>
320 </xs:element>
321 <xs:element name="contact" minOccurs="0" maxOccurs="unbounded">
322   <xs:complexType>
323     <xs:sequence>
324       <xs:element ref="contactRole"/>
325       <xs:element name="contactRoleTitle" type="seqLangString" minOccurs="0"/>
326       <xs:element name="contactPerson" type="xs:string" minOccurs="0"/>
327       <xs:element ref="dateRange" minOccurs="0"/>
328       <xs:element ref="status" minOccurs="0"/>
329       <xs:element ref="notes" minOccurs="0"/>
330     </xs:sequence>
331   </xs:complexType>
332 </xs:element>
333 <xs:element name="address" minOccurs="0" maxOccurs="unbounded">
334   <xs:complexType>
335     <xs:sequence>
336       <xs:choice>
337         <xs:element name="physicalAddress">
338           <xs:complexType>
339             <xs:sequence>
340               <xs:element name="physicalAddressType" type="enumeration" maxOccurs="unbounded"/>
341             </xs:sequence>
342           </xs:complexType>
343         </xs:element>
344         <xs:element name="electronicAddress">
345           <xs:complexType>
346             <xs:sequence>
347               <xs:element name="electronicAddressType" type="enumeration" maxOccurs="unbounded"/>
348             </xs:sequence>
349           </xs:complexType>
350         </xs:element>
351       </xs:choice>
352       <xs:element name="addressPart" maxOccurs="unbounded">
353         <xs:complexType>
354           <xs:sequence>
355             <xs:element name="addressPartType" type="enumeration" minOccurs="0"/>
356             <xs:element name="addressPartValue" type="enumeration"/>
357           </xs:sequence>

```

```

358         </xs:complexType>
359     </xs:element>
360     <xs:element name="textEncoding" type="xs:string" minOccurs="0"/>
361     <xs:element ref="dateRange" minOccurs="0"/>
362     <xs:element ref="status" minOccurs="0"/>
363     <xs:element ref="notes" minOccurs="0"/>
364 </xs:sequence>
365 </xs:complexType>
366 </xs:element>
367 <xs:element name="subject" type="enumeration" minOccurs="0" maxOccurs="unbounded"/>
368 <xs:element ref="description" minOccurs="0" maxOccurs="unbounded"/>
369 <xs:element ref="infoPointer" minOccurs="0" maxOccurs="unbounded"/>
370 <xs:element name="event" minOccurs="0" maxOccurs="unbounded">
371     <xs:complexType>
372         <xs:sequence>
373             <xs:element name="eventType" type="enumeration"/>
374             <xs:element ref="description" minOccurs="0" maxOccurs="unbounded"/>
375             <xs:element ref="dateRange" minOccurs="0"/>
376             <xs:element ref="location" minOccurs="0"/>
377             <xs:element ref="notes" minOccurs="0"/>
378         </xs:sequence>
379     </xs:complexType>
380 </xs:element>
381 <xs:element ref="dateRange" minOccurs="0" maxOccurs="unbounded"/>
382 <xs:element ref="language" minOccurs="0" maxOccurs="unbounded"/>
383 <xs:element ref="location" minOccurs="0" maxOccurs="unbounded"/>
384 <xs:element ref="status" minOccurs="0" maxOccurs="unbounded"/>
385 <xs:element ref="notes" minOccurs="0"/>
386 </xs:sequence>
387 </xs:complexType>
388 </xs:element>
389 </xs:sequence>
390 </xs:complexType>
391 </xs:element>
392 <xs:element name="chargeAmount" type="xs:decimal"/>
393 <xs:element name="contactRole" type="xs:string"/>
394 <xs:element name="dateRange">
395     <xs:complexType>
396         <xs:sequence>
397             <xs:element name="dateValidFrom" type="xs:dateTime"/>
398             <xs:element name="dateValidTo" type="xs:dateTime" minOccurs="0"/>
399         </xs:sequence>
400     </xs:complexType>
401 </xs:element>
402 <xs:element name="description">
403     <xs:complexType>
404         <xs:sequence>
405             <xs:element name="descriptionValue" type="seqLangString"/>
406             <xs:element name="descriptionRole" type="enumeration" minOccurs="0"/>
407         </xs:sequence>
408     </xs:complexType>

```

```

409 </xs:element>
410 <xs:element name="function" type="enumeration"/>
411 <xs:element name="infoPointer">
412   <xs:complexType>
413     <xs:sequence>
414       <xs:element name="infoPointerType" type="enumeration" minOccurs="0"/>
415       <xs:element ref="targetResource"/>
416     </xs:sequence>
417   </xs:complexType>
418 </xs:element>
419 <xs:element name="isDefault" type="xs:boolean"/>
420 <xs:element name="isSupported" type="xs:boolean"/>
421 <xs:element name="language" type="enumeration"/>
422 <xs:element name="location" type="enumeration"/>
423 <xs:element name="measurementType" type="enumeration"/>
424 <xs:element name="notes" type="seqLangString"/>
425 <xs:element name="productKey" type="xs:string"/>
426 <xs:element name="relationCategory" type="enumeration"/>
427 <xs:element name="relationType" type="enumeration"/>
428 <xs:element name="resourceType" type="enumeration"/>
429 <xs:element name="serviceDescriptionKey" type="xs:string"/>
430 <xs:element name="serviceTimesKey" type="xs:string"/>
431 <xs:element name="status">
432   <xs:complexType>
433     <xs:sequence>
434       <xs:element name="statusValue" type="xs:string"/>
435       <xs:element name="statusType" type="enumeration" minOccurs="0"/>
436       <xs:element ref="dateRange" minOccurs="0"/>
437       <xs:element ref="notes" minOccurs="0"/>
438     </xs:sequence>
439   </xs:complexType>
440 </xs:element>
441 <xs:element name="utility" type="xs:string"/>
442 <xs:element name="targetResource" type="xs:string"/>
443 <xs:element name="tax" type="xs:decimal"/>
444 <xs:complexType name="enumeration">
445   <xs:sequence>
446     <xs:element name="value" type="xs:string"/>
447     <xs:element name="scheme" type="xs:string" minOccurs="0"/> <!-- supported for subject only -->
448   </xs:sequence>
449 </xs:complexType>
450 <xs:complexType name="seqLangString">
451   <xs:sequence>
452     <xs:element name="languageString" maxOccurs="unbounded">
453       <xs:complexType>
454         <xs:sequence>
455           <xs:element name="languageStringValue" type="xs:string"/>
456           <xs:element ref="language" minOccurs="0"/>
457           <xs:element name="languageStringType" type="enumeration" minOccurs="0"/>
458           <xs:element name="languageStringTypeSystem" type="xs:string" minOccurs="0"/>
459         </xs:sequence>

```

```
460         </xs:complexType>
461     </xs:element>
462 </xs:sequence>
463 </xs:complexType>
464 </xs:schema>
```