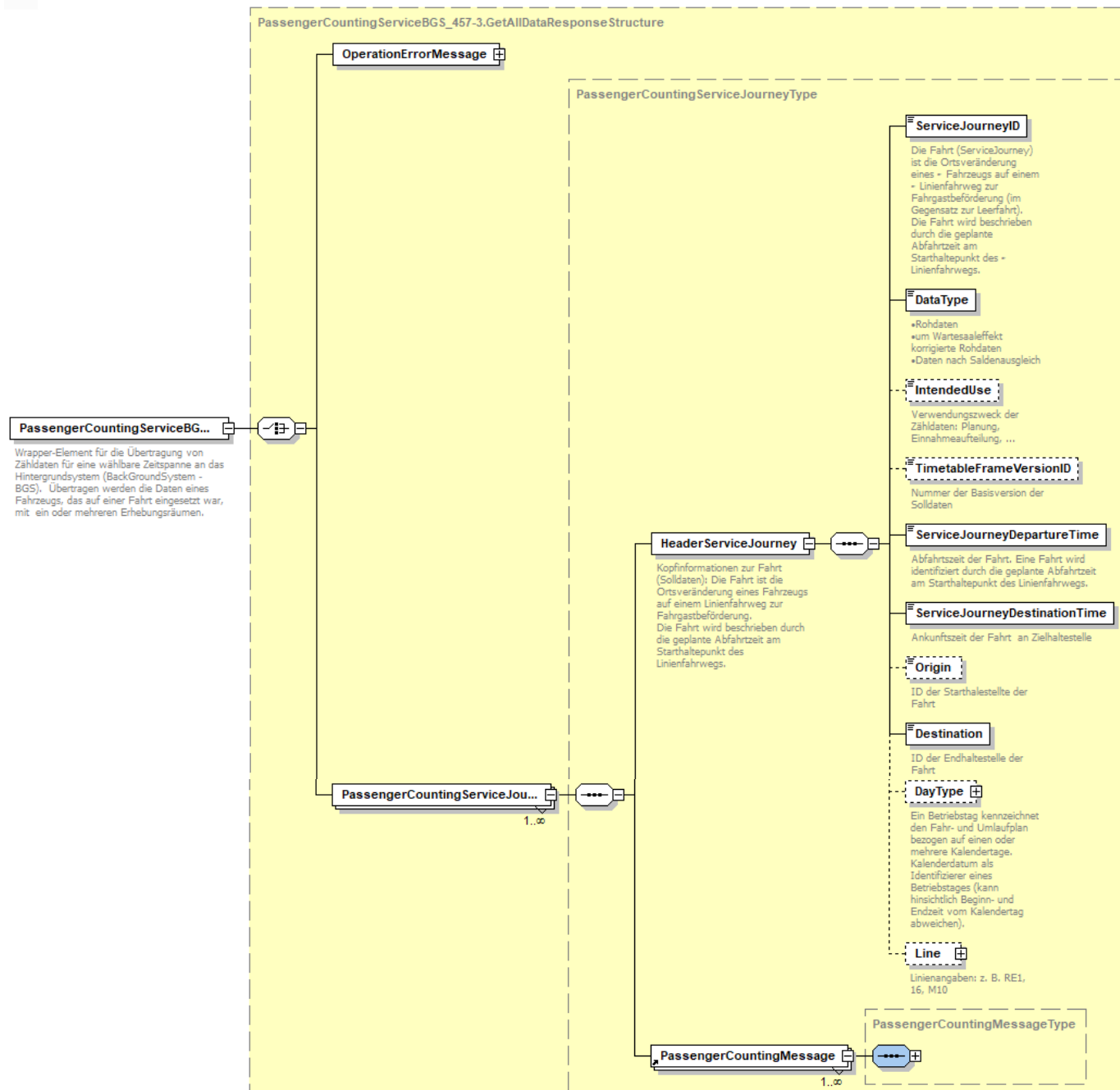


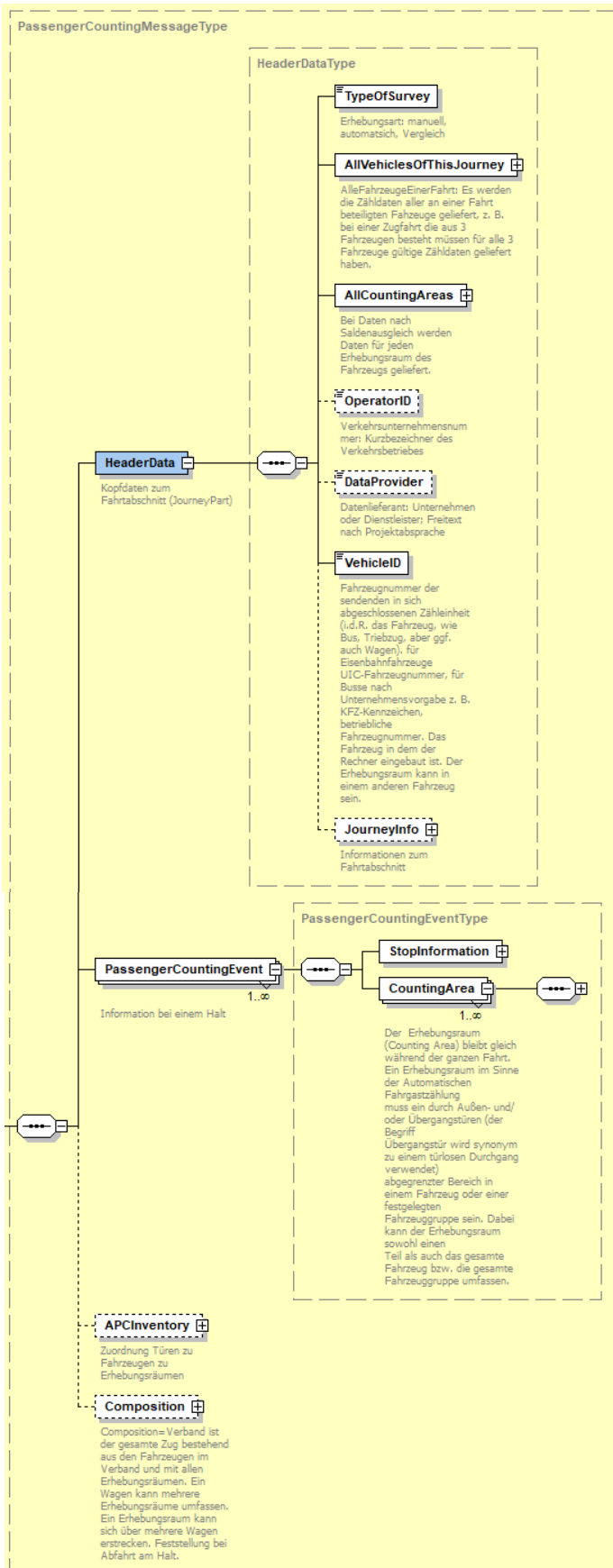
OperationErrorMessage und PassengerCountingServiceJourney

Die Datenlieferung besteht entweder aus einer *OperationErrorMessage* oder aus beliebig vielen Zähl Daten für Fahrten *PassengerCountingServiceJourney*. Diese haben jeweils einen *HeaderServiceJourney* mit Angaben zu Linie und Fahrt und für jeden Halt eine *PassengerCountingMessage* mit den Zähl Daten:



PassengerCountingMessage

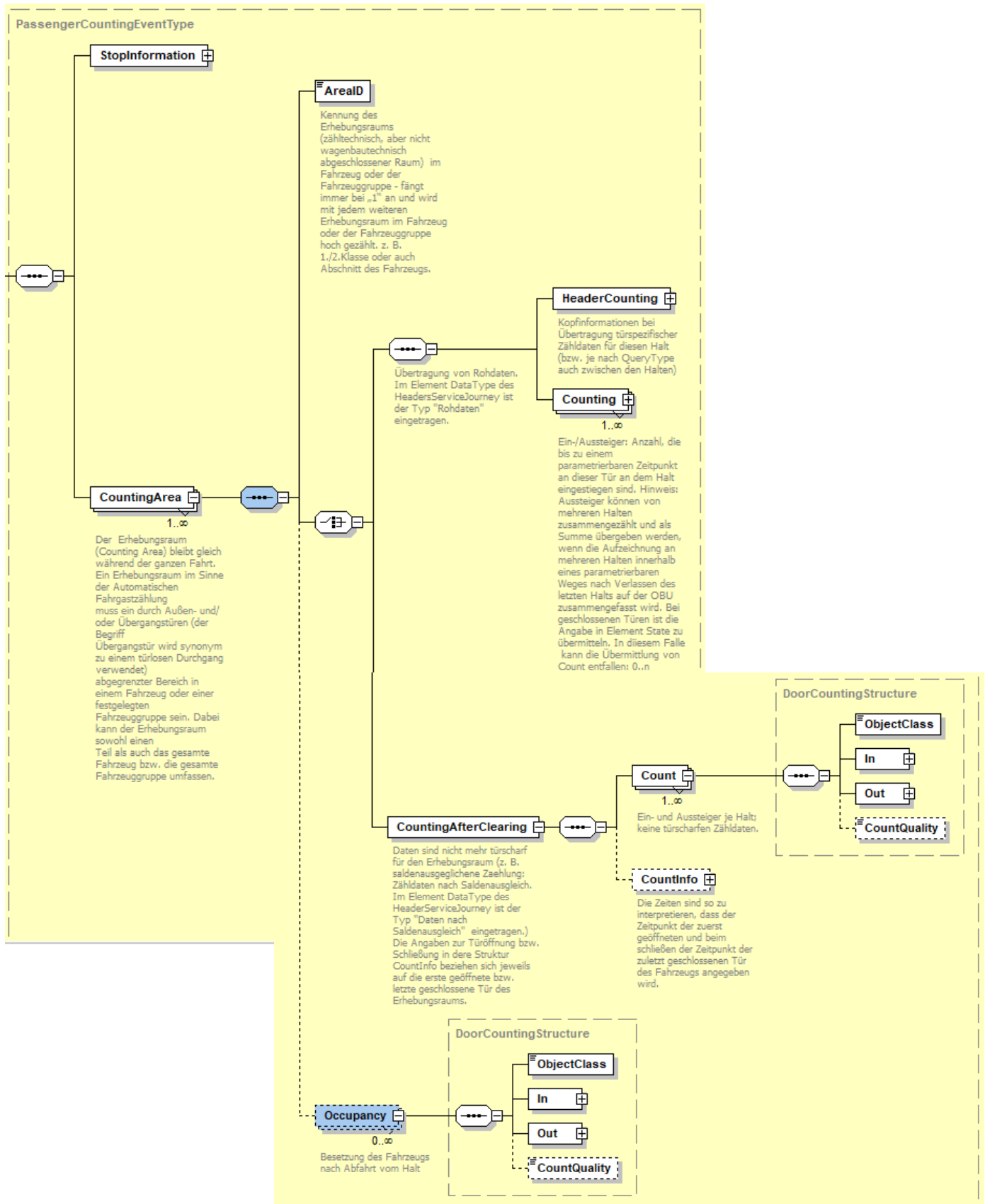
Die PassengerCountingMessage besteht aus einem Halt-spezifischen Header und den eigentlichen Zähldaten in PassengerCountingEvent:



CountingArea

Die tatsächlichen Zähldaten werden innerhalb Struktur CountingArea mit der Struktur Count übertragen:

- im Falle von Rohdaten türscharf in der Struktur *Counting*,
- andernfalls haltestellenscharf in der Struktur *CountingAfterClearing*



Beispiel: Türscharfe Zähldaten

XML-Dokument überträgt Rohdaten der Fahrt 16_01 für die 3 Haltestellen PP_4607, PP_4608 und PP_4609, die automatisch gezählt werden:

XML	edited with XMLSpy v2017 rel. 3 sp1 (x64) (http://www.altova.com) by Winfried Bruns (VDV)	
Comment		
PassengerCountingServiceBGS_457-3.GetAllDataResponse		
xmlns:xsi	http://www.w3.org/2001/XMLSchema-instance	
xsi:noNamespac...	IBIS-IP_PassengerCountingServiceBGS_457-3_V0.09.xsd	
PassengerCountingServiceJourney		
HeaderServiceJourney		
ServiceJourneyID	16_01	
ServiceJourney...	2001-10-26T21:32:52	
ServiceJourney...	2001-10-26T22:39:52	
Destination	Bonn-Rathaus	
PassengerCountingMessage		
HeaderData		
DataType	RawData	
TypeOfSurvey	automatic	
AllVehiclesOfThisJourney		
Value	true	
AllCountingAreas		
Value	true	
VehicleID	K-HP4711	
PassengerCountingEvent (3)		
StopInformation		
1 StopInformation		
StopStatus	normal	
StopRef		
Value	PP_4607	
2 StopInformation		
StopStatus	normal	
StopRef		
Value	PP_4608	
3 StopInformation		
StopStatus	normal	
StopRef		
Value	PP_4609	

Es gibt nur eine CountingArea '00'. Für diese werden z. B. für die Haltestelle PP_4607 für die Türen '1L' und '2L' jeweils Zählungen in einer Struktur 'Counting' übertragen:

CountingArea

▲ CountingArea

AreaID 00

HeaderCounting

QueryT... at stop

Seque... 001

Time Stamp Value 2017-10-26T21:32:52

Time StampEventStart Value 2017-10-26T21:32:52

Time StampEventEnd Value 2017-10-26T21:33:52

Counting (2)

DoorID	Count
1	Count (2)
DoorID Value 1L	ObjectClass In Out
	1 Adult In Value 23 Out Value
	2 Child In Value 12 Out Value
2	Count (3)
DoorID Value 2L	ObjectClass In Out
	1 Adult In Value 9 Out Value
	2 Child In Value 8 Out Value
	3 Pram In Value 1 Out Value

Beispiel Zähldaten After Clearing

Es gibt nur eine CountingArea '00'. Für diese werden für jede Haltestelle für alle Türen zusammen die Zählungen in einer Struktur 'CountingAfterClearing' übertragen:

PassengerCountingServiceBGS_457-3.GetAllDataResponse									
http://www.w3.org/2001/XMLSchema-instance									
file:///G:/Mittelungen+Schriften/AFZS_VDV457_458/schnittstelle%20XML/457-3%2020170725/aufruf%20Basis%20Version%20IBIS_IP2.0/IBIS-IP_PassengerCountingServiceBGS_457-3_V1.0.xsd									
PassengerCountingServiceJourney									
HeaderServiceJourney									
ServiceJourneyID	16_02								
DataType	after clearing								
ServiceJourneyDepartureTime	2001-10-26T21:32:52								
ServiceJourneyDestinationTime	2001-10-26T21:32:52								
Destination	PP_9988								
PassengerCountingMessage									
HeaderData									
automatic									
AllVehiclesOfThisJourney									
Value	true								
AllCountingAreas									
Value	true								
K-HP4723									
PassengerCountingEvent (3)									
1 StopInformation					CountingArea				
StopInformation					CountingArea				
StopStatus	normal				AreaID	00			
StopRef	PP_9950				CountingAfterClearing				
					Count (2)				
		ObjectClass	In	Out			In	Out	
1	Adult	In	Value 12	Value 5			In	Value 5	
2	Other	In	Value 3	Value 5			In	Value 5	
2 StopInformation					CountingArea				
StopInformation					CountingArea				
StopStatus	normal				AreaID	00			
StopRef	00_9951				CountingAfterClearing				
					Count (2)				
		ObjectClass	In	Out			In	Out	
1	Adult	In	Value 34	Value 23			In	Value 23	
2	Child	In	Value 12	Value 12			In	Value 12	
3 StopInformation					CountingArea				
StopInformation					CountingArea				
StopStatus	normal				AreaID	00			
StopRef	PP_9952				CountingAfterClearing				
					Count (2)				
		ObjectClass	In	Out			In	Out	
1	Adult	In	Value 23	Value 24			In	Value 24	
2	Child	In	Value 24	Value 3			In	Value 3	

Auszug Beispiel Raw Data

PassengerCountingServiceBGS_457-3.GetAllDataResponse

http://www.w3.org/2001/XMLSchema-instance

J:\file:///G:/Mitteilungen+Schriften/AFZS_VDV457_458/schnittstelle%20XML/457-3%2020170725/au%20Basis%20Version%20BIS_IP2_0/BIS-IP_PassengerCountingServiceBGS_457-3_V1.0.xsd

PassengerCountingServiceJourney

- HeaderServiceJourney
 - ServiceJourneyID: 16_01
 - DataType: RawData
 - ServiceJourneyDepartureTime: 2018-10-26T21:32:52
 - ServiceJourneyDestinationTime: 2018-10-26T22:32:52
 - Destination: Bonn-Rathaus
- PassengerCountingMessage
 - HeaderData
 - automatic: true
 - AllVehiclesOffThisJourney: true
 - AllCountingAreas: true
 - K:HP4711
- PassengerCountingEvent (3)
 - 1
 - StopInformation
 - StopStatus: normal
 - StopRef: PP_4607
 - CountingArea
 - AreaID: 00
 - HeaderCounting
 - QueryType: at stop
 - SequentialNumber: 1
 - TimeStamp: 2018-10-26T21:33:52
 - TimeStampEventStart: 2018-10-26T21:33:52
 - TimeStampEventEnd: 2018-10-26T21:53:52
 - Counting (2)

DoorID	DoorState	Count									
1	OpenState: SingleDoorOpen	<table border="1"> <thead> <tr> <th>ObjectClass</th> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>1 Adult</td> <td>12</td> <td>13</td> </tr> <tr> <td>2 Child</td> <td>22</td> <td>10</td> </tr> </tbody> </table>	ObjectClass	In	Out	1 Adult	12	13	2 Child	22	10
ObjectClass	In	Out									
1 Adult	12	13									
2 Child	22	10									
2	OpenState: SingleDoorOpen	<table border="1"> <thead> <tr> <th>ObjectClass</th> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>1 Adult</td> <td>23</td> <td>12</td> </tr> <tr> <td>2 Child</td> <td>5</td> <td>6</td> </tr> </tbody> </table>	ObjectClass	In	Out	1 Adult	23	12	2 Child	5	6
ObjectClass	In	Out									
1 Adult	23	12									
2 Child	5	6									
 - 2
 - StopInformation
 - StopStatus: normal
 - StopRef: PP_4608
 - CountingArea
 - AreaID: 00
 - HeaderCounting
 - QueryType: at stop
 - SequentialNumber: 2
 - TimeStamp: 2018-10-26T21:34:52
 - TimeStampEventStart: 2018-10-26T21:34:52
 - TimeStampEventEnd: 2018-10-26T21:35:52
 - Counting (2)

DoorID	DoorState	Count									
1	OpenState: SingleDoorOpen	<table border="1"> <thead> <tr> <th>ObjectClass</th> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>1 Adult</td> <td>12</td> <td>1</td> </tr> <tr> <td>2 Child</td> <td>8</td> <td>6</td> </tr> </tbody> </table>	ObjectClass	In	Out	1 Adult	12	1	2 Child	8	6
ObjectClass	In	Out									
1 Adult	12	1									
2 Child	8	6									
2	OpenState: SingleDoorOpen	<table border="1"> <thead> <tr> <th>ObjectClass</th> <th>In</th> <th>Out</th> </tr> </thead> <tbody> <tr> <td>1 Adult</td> <td>12</td> <td>12</td> </tr> <tr> <td>2 Child</td> <td>7</td> <td>6</td> </tr> </tbody> </table>	ObjectClass	In	Out	1 Adult	12	12	2 Child	7	6
ObjectClass	In	Out									
1 Adult	12	12									
2 Child	7	6									
 - 3
 - StopInformation
 - StopStatus: normal
 - StopRef: PP_4609
 - CountingArea
 - AreaID: 00
 - HeaderCounting
 - QueryType: at stop
 - SequentialNumber: 3
 - TimeStamp: 2018-10-26T21:39:52
 - TimeStampEventStart: 2018-10-26T21:39:52
 - TimeStampEventEnd: 2018-10-26T21:40:52
 - Counting
 - DoorID: 1L
 - DoorState: OpenState: SingleDoorOpen
 - Count (2)

ObjectClass	In	Out
1 Adult	12	9
2 Child	11	13