ARTS POSLog V6.0

Volume 9: Payment on Account Line Items Technical Specification
February 10, 2014 – Last Call Working Draft

TABLE OF CONTENTS

Table of Figures

Table of ARTS XML Samples

1. Abstract

2. Referenced Documents

- ARTS Technical Committees Development Process V6.0.4 2009/11/30
- ARTS XML Best Practices V2.2 2010/11/11
- ARTS Best Practice for Process Modeling V1.0.0 2011/01/04
- A RTS SOA Best Practices Technical Report V1.2
- ARTS XML Interface Conformance Tool Manual V1.0 2005/08/11

These documents are available for download from http://nrf.com
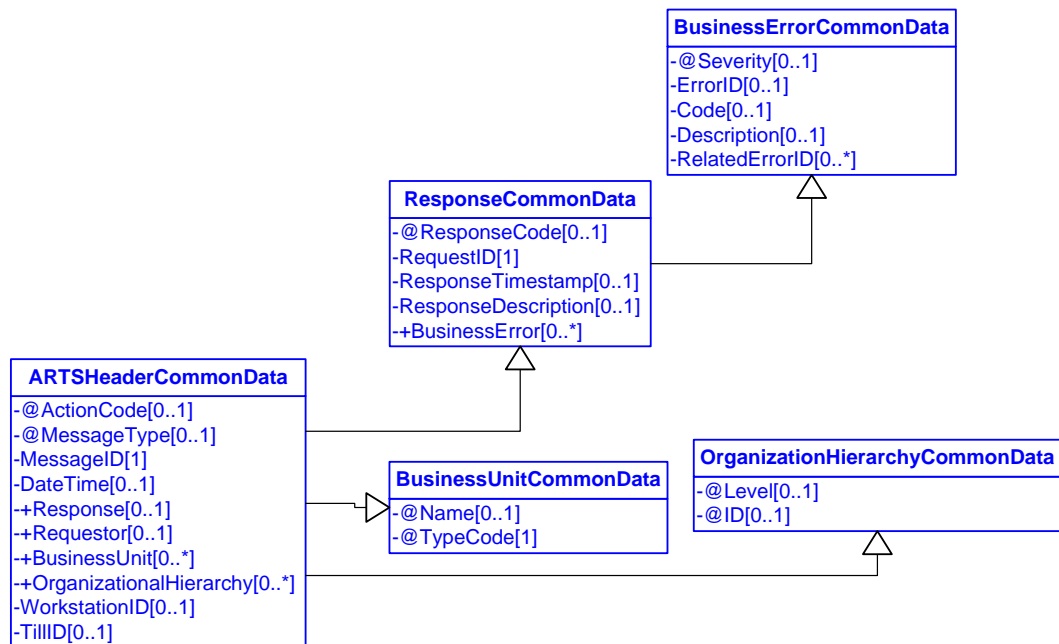
3. ARTS Common Header

Figure 1: ARTS Common Header Domain View

The ARTS common header is used in all service name schemas. It provides the ability to set session level information and return business error information in one standard format to all SOA implementations.
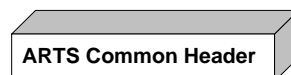

Figure 2: ARTS Common Header Representation

Since this structure is common to all service name schemas, it will not be replicated below. In place of the details, the attached box will be used to represent this complex type structure.

4. Use Case: Payment on Account (V6.0)

4.1 Scenario: Payment on Account (V6.0)

Brief Description

A PaymentOnAccount could be against a specific Invoice rather than generally against a House Account.

One needs both the account number and the reference number. In cases of a retailer with its own branded credit card - the account number relates to the credit card and the reference number relates to the invoice used to pay on the card.

Scenario Description

Customer came into the store to pay a utility gas payment of $54.00 to account #123456.

Data

4.1 ARTS XML Conformance XML Instance Document: Payment On Account

```xml
<?xml version="1.0" encoding="UTF-8"?>
<POSLog xmlns="http://www.nrf-arts.org/IXRetail/namespace/"
   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
   xsi:schemaLocation="http://www.nrf-arts.org/IXRetail/namespace/
../POSLogV6.0.0.xsd"
   MajorVersion="6" FixVersion="0" MinorVersion="0">
   <Transaction>
     <BusinessUnit>
        <UnitID>HighStreet</UnitID>
     </BusinessUnit>
     <WorkstationID>POS5</WorkstationID>
     <SequenceNumber>4294967295</SequenceNumber>
     <OperatorID>John</OperatorID>
     <RetailTransaction>
       <LineItem>
         <PaymentOnAccount AccountCode="AccountInvoice">
           <!-- gas account #123456. -->
           <AccountNumber>123456</AccountNumber>
           <Amount>54.00</Amount>
         </PaymentOnAccount>
         <SequenceNumber>1</SequenceNumber>
       </LineItem>
     </RetailTransaction>
   </Transaction>
</POSLog>
```

5. Document History

6. Version History

Version 1.0
Overview
New Features

Sections	Description of Change
	-

Minor fixes

Deprecation

Sections	Description of Change
	-

Compatibility/Dependencies Issues
Previous Document

7. GLOSSARY

Term	Definition