



local e-gov



Valuebill Project

XML Schema Designs

Third Maintenance Release – Version 4-1

1 Document Control

1.1 Revision History

Revision	Revision date	Summary of Changes	Changes marked
V01	15/12/2008	Issued for stakeholder / supplier comment & consultation	

1.2 Approvals

This document requires the following approvals.

Name	Signature	Title	Date of Issue	Version

1.3 Document Purpose

This document describes the revisions to the Valuebill Schemas, issued as a third maintenance release, in response to the change requests received since the issue of Version 4-0 of the Schema Designs.

2 Background

2.1 Status of Schema Designs

A key component of the Valuebill project was the development of schema designs to support the required information exchanges between the Stakeholders. These designs were refined during the course of the Project Pilot before public consultation and formal approval through both the GovTalk and Local e-Government Standards Body (LeGSB) procedures.

The version 4-0 schemas have been in operational use since their release in March 2006. Working practice has resulted in some further Change Requests, which are described below.



2.2 Change Requests

Since the release of Version 4-0, two change requests have been submitted as follows:

Date	Schema affected	Summary	Proposer
May 2007	VBcodes-v4-0.xsd	Additional Codes	VOA
Nov. 2008	VBcodes-v4-0.xsd	Additional Codes	VOA

The full requests are included at Appendix A.

2.3 Major vs. Minor Versions

Minor version updates are defined as those that would not prevent XML data, validated against the previous schema version, from validating against the new version. This change request falls into this category.

3 Change Requirements

3.1 Extent of Proposed Changes

The required changes to the Valuebill schemas comprise:

1. The addition of five new codes to the Vbcodes-v4-0.xsd schema to support operational requirements.
2. Updates to the remaining Valuebill schemas so that they make use of the revised VBcodes schema.

3.2 Impact

The reasons for the requested changes and the impact of leaving the schemas unchanged are set out in the individual change requests.

The software revisions, necessary to accommodate the schema updates in both LA billing systems and the VOA systems, should be minimal – only requiring generation/acceptance of the five new codes.

4 Description of Schema Changes

The planned changes to each schema are described in this section, which should be read in conjunction with the previous schema documentation, describing the purpose and use of the schemas.

4.1 Schema: VBcodes

Minor changes to the VBcodes schema (**VBcodes-v4-1.xsd**) include the addition of:

- two new codes for <CtaxNoActionCode>
- two new codes for <CtaxReasonForReportCode> and
- one new code for <NndrReasonForReportCode>

4.2 Remaining Schemas

There are no changes to the remaining schemas except that the following schemas:

- ***ValuebillBAtoVOA-v4-1.xsd***
- ***ValuebillVOAtoBA-v4-1.xsd***
- ***ValuebillVOAtoBA(Lists)-v4-1.xsd***
- ***VBcore-v4-1.xsd***
- ***VBcommon-v4-1.xsd***

Have been updated to make use of the revised VBcodes schema

Schema Status

4.3 Project Schema Designs

The Valuebill Schema Designs were developed and tested as part of the project. Feedback from the consultation, further findings from the Pilot and direct implementation experience were all incorporated into the final Project Schema Designs. These were issued as Version 3.0 and made available through GovTalk for a final round of consultation, following which further feedback and some minor updates identified during operational implementation of the designs were consolidated into a first maintenance release of the Valuebill Schemas, issued as Version 3-1 at the conclusion of the main project.

A summary of the changes applied during the course of the project and in response to consultations can be found in the header to each schema.

4.4 Maintenance

Change requests submitted after the release of Version 3-1 constituted a major version update and were incorporated at version 4-0 in March 2006. As explained above, change requests submitted since the issue of version 4-0 only constitute a minor version update and are now issued as version 4-1.

5 Schema Overview

A list of the current schema files with brief descriptions is given in the following table.

Valuebill Schema Files		
Main Schema Files		
	ValuebillBAtoVOA-v4-1.xsd	Billing Authority reports for submission to VOA
	ValuebillVOAtoBA(Lists)-v4-1.xsd	Issue of complete VOA Council Tax and/or NNDR Lists
	ValuebillVOAtoBA-v4-1.xsd	Ctax/NNDR updates from VOA to Billing Authorities
Supporting Schema Files		
	VBcodes-v4-1.xsd	Codes and descriptions used in the main schemas
	VBcore-v4-1.xsd	Common Valuebill elements used in the main schemas
	VBcommon-v4-1.xsd	Generic common elements used in the main schemas
GovTalk Schema Versions		
	AddressTypes-v2-0.xsd	Copies of the approved versions for reference
	BS7666-v2-0.xsd	
	CitizenIdentificationTypes-v1-4.xsd	
	CommonSimpleTypes-v1-3.xsd	
	ContactTypes-v1-3.xsd	
	PersonalDetailsTypes-v1-3.xsd	
	PersonDescriptiveTypes-v1-1.xsd	

A.1 Appendix A – Submitted Change Requests

Valuebill Change Request

Originator: Alan Dowling (VOA IT Services Division)

Originator Email: alan.m.dowling@voa.gsi.gov.uk

Originator Tel: (01903) 707823

Date: May 2007

Schema to be changed: VBcodes-v4-0.xsd

1. **Scope and Purpose of Change:** Additional code for CtaxNoActionCodeStructure ("Reason for No Action") enumeration value (Code): "CN07" Full (Textual description): "Proposal now received".

Impact of leaving schema unchanged: A code not included in the VBCodes schema will be appearing in the XML files for update schedules, causing the files to fail validation.

2. **Scope and Purpose of Change:** Additional code for CtaxNoActionCodeStructure ("Reason for No Action") enumeration value (Code): "CN08" Full (Textual description): "Created in error".

Impact of leaving schema unchanged: A code not included in the VBCodes schema will be appearing in the XML files for update schedules, causing the files to fail validation.

3. **OMIT – NOT NOW REQUIRED - Scope and Purpose of Change:** Additional code for CtaxReasonForReportCodeStructure ("Reason for Report") enumeration value (Code): "CR17" Full (Textual description): "Reserved for completion notices".

Impact of leaving schema unchanged: A code not included in the VBCodes schema will be appearing in the XML files for update schedules, causing the files to fail validation

4. **Scope and Purpose of Change:** Additional code for CtaxReasonForReportCodeStructure ("Reason for Report") enumeration value (Code): "CR18" Full (Textual description): "Enquiry received (proposal rights exist)".

Impact of leaving schema unchanged: A code not included in the VBCodes schema will be appearing in the XML files for update schedules, causing the files to fail validation

Valuebill Change Request

Originator: Alan Dowling (VOA IT Services Division)

Originator Email: alan.m.dowling@voa.gsi.gov.uk

Originator Tel: (01903) 707823

Date: November 2008

Schema to be changed: VBcodes-v4-0.xsd

1. **Scope and Purpose of Change**: Additional code for NndrReasonForReportCodeStructure ("Reason for Report") enumeration value (Code): "90" Full (Textual description): " Resolved At Point Of Contact ".

Impact of leaving schema unchanged: A code not included in the VBCodes schema will be appearing in the XML files for update schedules, causing the files to fail validation

2. **Scope and Purpose of Change**: Additional code for CtaxReasonForReportCodeStructure ("Reason for Report") enumeration value (Code): "CR90" Full (Textual description): "Resolved At Point Of Contact".

Impact of leaving schema unchanged: A code not included in the VBCodes schema will be appearing in the XML files for update schedules, causing the files to fail validation