



DDEX
Standard

Digital Sales Reporting Message Suite Standard

Part 3: Basic Audio Profile (v1.1)

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1 Introduction

This standard was developed by the member organisations of the Digital Data Exchange, LLC (DDEX) and provides a message that gives a uniform mechanism to enable Licensees (typically Digital Service Providers) to report to Rights Controllers (typically Music Rights Societies, Music Publishers, Music Licensing Companies and/or Record Companies) information regarding the level of usage and/or revenue generated from the distribution of such products, as well as sales of products based on Releases, to the relevant Rights Controllers.

This Profile of version 3.0 of the Flat File Variant has been developed in response to concerns regarding the file size and computational complexity of the XML Variant, and will lead to reduced implementation and running cost for Licensees and Licensors for reporting and/or usages of audio-only usages, revenues or sales that are not addressed by any other Profile of version 3.0 of the Flat File Variant. This Profile is also for reporting usages, revenues or sales for music videos and Resources for which no Release information is available.

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2 Scope

2.1 Introduction

The message defined in this Part provides a mechanism for Licensees (typically Digital Service Providers) to report to Rights Controllers (typically Music Rights Societies, Music Licensing Companies, Music Publishers and/or Record Companies) Usage, Revenue or Sales from the exploitation of Products based on electronic Releases containing Sound Recordings and/or Music Audio-Visual Recordings which embody Musical Works and/or other Resources.

2.2 Organisation of the Standard

This standard comprises six clauses and two annexes. Clauses 1-4 provide the scope, abbreviations and core definitions used in this standard. Clause—5 then defines the core audio profile.

Finally Annexes A provides some examples.

2.3 Release Notes (Informative)

Version 3 of the Flat File Variant of the Digital Sales Reporting Message Suite Standard utilises a fundamentally different architecture than Version 2. This new architecture allows more Profiles to be supported than was possible in Version 2. Part 3 of this standard supports communicating sales and usages for basic audio services.

Version 1.1 of the Basic Audio Profile provides a series of minor updates to some record types.

3 Normative References

The following normative documents contain provisions, which through reference in this text constitute provisions of this standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. For undated references, the latest version applies.

- DDEX. Digital Sales Reporting Message Suite Standard - Part 1: Architecture of the Flat File Variant.
- DDEX. Digital Sales Reporting Message Suite Standard - Part 2: Allowed Value Sets.
- DDEX. Digital Sales Reporting Message Suite Standard - Part 8: Record Type Definitions.

4 Terms and Abbreviations

The terms and abbreviations used in DDEX. Digital Sales Reporting Message Suite Standard (Version 3.1) - Part 1: Architecture of the Flat File Variant. also apply to this Standard.

5 Basic Audio Profile

5.1 Introduction

This Profile is for reporting all audio-only Usage, Revenue or Sales not listed elsewhere in this standard. This Profile is also for reporting Usage, Revenue or Sales for music videos.

To indicate that a Sales/Usage Report is created in accordance with Clauses 5.2 or 5.3 of this Profile standard, the `Profile` Cell in the `HEAD` Record shall contain the value `BasicAudioProfile` and the `ProfileVersion` Cell shall contain the value 1.1 .

The Record Types referenced herein are defined in Part 8 of the standard.

5.2 Definition of Blocks where Release Information is Available

When Usages, Revenues or Sales are to be reported where Release information is available to the Message Sender, the following Records shall be communicated for each Block in this order:

1. One Release Record of type `RE01` describing a Head Release.
If the Message Sender has received a `NewReleaseMessage` defined in DDEX's Release Notification Message Suite Standard, the "Head Release" is the "AlbumRelease" as defined in the `NewReleaseMessage`.
2. One or more Resource Records describing Resources of type `AS01` or `AS02.01`.
These Records provide information regarding all the Sound Recordings, Videos and other Resources that are contained in the Head Release.
While the `AS02.01` Record allows the communication of the basic details of a Musical Work that underpins the Resource, the `AS01` Record does not allow this. Only Resources that have been used or sold shall be included in this section of the Block. For the avoidance of doubt, if a Head Release has been used or sold, all Resources of that Head Release need to be included in the Sales Report Message.
3. None, one or more Musical Work Records of type `MW01.01` describing Musical Works.
These Records provide information regarding all the Musical Works that are utilised in the Head Release and/or one of its Resources. As shown in Figure 5, the Musical Work Records are interspersed with the Resource Records. The Musical Work records immediately following a Resource record describe Works used in that Resource. `MW01` Records may not be used in combination with `AS02.01` Records.
For the avoidance of doubt: `AS01+MW01.01` and `AS02.01` records may be used within a single Block. One example would be where a DSP communicates, the writers of ten tracks as communicated by the licensee to a works licensor or Rights Controller but where the eleventh track is a medley created by the DSP comprising multiple Musical Works.
4. None, one or more Records describing "Sub-Releases" of type `RE02`.
These Sub-Releases are either single-Resource Track Releases (as communicated in a `NewReleaseMessage`) and/or Releases that the Message Sender has generated exclusively from the Resources and/or Musical Works that are used in the Head Release. The Sub-Release Records shall point to the Resources they make use of. Only Sub-Releases that have been used or sold shall be included in this section of the Block.
5. One or more Records providing Usage, Revenue or Sales figures of type `SU01` or `SU02`.
The `SU01/02` Records shall point to the Release Record to which the Usage, Revenue or Sale transaction relates.

The Blocks shall be preceded by one or more Summary Records `SY01` , `SY02.01` or `SY04` or `SY05` (depending on the commercial model) for each type of use, commercial model and territory any Release contained in the Sales Report Message has been traded under. It is permissible to communicate different types of Summary Records in a single sales/usage report.

It is recommended to provide the Summary Records in a logical order to aid human readability. This would typically mean that Summary Records of different types are not mixed. For example a sequence of `SY01 SY01 SY04 SY02.01 SY02.01` meets this recommendation, whereas `SY04 SY01 SY04` does not.

Figure 1 shows a Block providing a Head Release with four Resources, three of which include Musical Work information in the Resource Record, whereas one Resource is augmented by Musical Work information in an `MW01` Record. Usage, Revenue or Sales are reported for two Sub-Releases as well as for the Head Release.

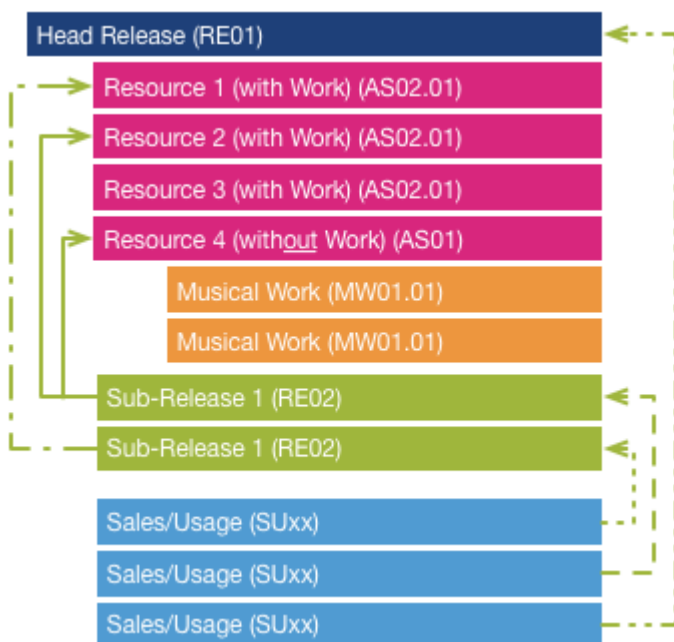


Figure 1 – One Block ^[1] of Records when reporting Usages, Revenues or Sales for Audio Releases ^[2]

Note that in the diagram the first *SUxx* Record provides Usages, Revenues or Sales for a Sub Release, the second Record provides Usages, Revenues or Sales for a Resource and the last Record provides Usages, Revenues or Sales for the Head Release.

The table below provides an overview of the order and cardinality of the Records to be used in this Profile.

Record Type	Cardinality	Comment
HEAD	1	
SY01 or SY02.01 or SY04 or SY05	1-n	Also a combination of the three Summary record types is allowed: first all SY01 Records (if there are any), then all SY02.01 Records (if there are any), then all SY04/SY05 Records (if there are any)
Block	0-n	
RE01	1	
AS01 or AS02.01	1-n	If no (or partial) musical work information is available, an AS02.01 Record should be used with the the relevant Cells left empty.
MW01.01	0-n	May only follow an AS01 record
RE02	0-n	
SU01 or SU02	1- n	
FOOT	1	

[1] The term Block is used in accordance with Clause 4 .

[2] The indentation in the diagrams is solely for illustration purposes. There is no indentation in a Sales Report Message in accordance with this standard.

5.3 Definition of Blocks where Release Information is not Available

When Usages, Revenues or Sales are to be reported for Resources for which no information on the Release it is contained in has been previously made available, the following Records shall be communicated for each Block in this order.

1. One Record of type AS02.01 describing the Resource including basic information of the underlying Work.
The Message Sender may wish to split the information into two Records. The first Record, of type AS01 , contains information regarding the Sound Recording, Video or other Resource, and the second Record, of type MW01.01, contains information about the

Musical Work utilised.

- 2. –One or more Records providing Usage, Revenue or Sales figures of type SU01 or SU02.

The SU01/SU02 Records does not need to point to the Resource Record to which the Usage, Revenue or Sale transaction relates as this is implicit as the Block only contains one Resource Record.

The Blocks shall be preceded by one or more Summary Records SY01 , SY02.01 or SY04 or SY05 (depending on the commercial model) for each type of use, commercial model and territory any Resource contained in the Sales Report Message has been traded under. It is permissible to communicate different types of Summary Records in a single sales/usage report.

It is recommended to provide the Summary Records in a logical order to aid human readability. This would typically mean that Summary Records of different types are not mixed. For example a sequence of SY01 SY01 SY04 SY02.01 SY02.01 meets this recommendation, whereas SY04 SY01 SY04 does not.

The left-hand part of the Figure 2 below shows the case where Musical Work information is provided as part of the Resource Record AS02 and the right-hand part shows the case where Musical Work information is provided on an extra Record MW01.

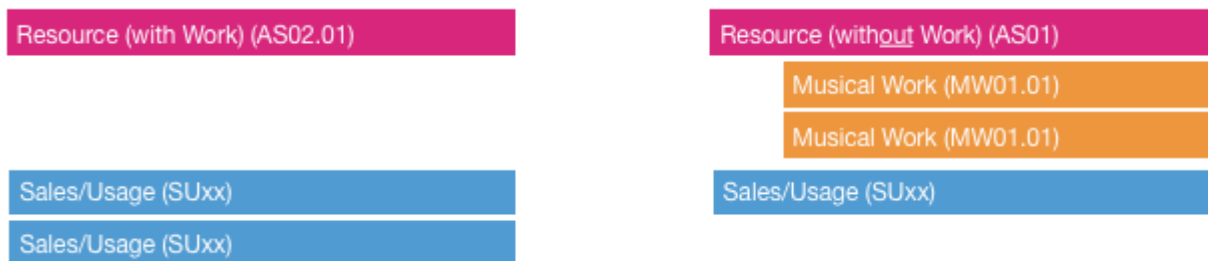


Figure 2 – Two Blocks of Records when Reporting Usages, Revenues or Sales for Audio Resources

The table below provides an overview of the order and cardinality of the Records to be used in this Profile.

Record Type	Cardinality	Comment
HEAD	1	
SY01 or SY02.01 or SY04 or SY05	1-n	Also a combination of the three Summary record types is allowed: first all SY01 Records (if there are any), then all SY02.01 Records (if there are any), then all SY04/SY05 Records (if there are any)
Block	0-n	
AS01 or AS02.01	1	If no (or only partial) musical work information is available, an AS02.01 Record should be used with the relevant Cells left empty.
MW01.01	0-n	May only follow an AS01 record
SU01 or SU02	1-n	
FOOT	1	

5.4 Different Types of Usages, Revenues or Sales

This standard defines several Records to describe different types of Usages, Revenues or Sales.

Table 3 – Records for Different Types of Usages, Revenues or Sales

UseType	Commercial-Model-Type	Advertisement-SupportedModel	PayAsYouGo Model	Subscription Model
ContentInfluencedStream	SU02	SU02	SU02	SU02
Download	SU01	SU01	SU01	SU01
OnDemandStream	SU02	SU02	SU02	SU02
Permanent Download	SU01	SU01	SU01	SU01
Stream	SU02	SU02	SU02	SU02
Tethered Download	SU02	SU02	SU02	SU02
TimeInfluencedStream	SU02	SU02	SU02	SU02
UseAsRingbacktone	SU01	SU01	SU01	SU01

UseAsRingbacktone	SU01	SU01	SU01
UseAsRingtone	SU01	SU01	SU01
UseAsRingtone	SU01	SU01	SU01
Webcast	SU02	SU02	SU02

Annex A (informative) Examples

Published alongside this standard are a series of Examples in the form of an Excel workbook. To transform them into Sales Report messages in accordance with this standard, the individual tabs of the spreadsheet can be saved as a tab-delimited file.