

# ISAN System Release 26.11.2012

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# Table of contents

1		4
	1.1 General overview of the new release	4
2	SERIAL HEADER DISPLAY FORM	5
3	SERIAL WORKS REGISTRATION	7
	3.1 How to register a Serial Work	7
	3.2 Example 1: The Serial Header is already registered in the database.	8
	3.3 Example 2: The serial header is not in the list	9
4	UPDATED ISAN VERSION SCHEMA	11
	4.1 Introduction: the type of versions and their relationships	11
	4.2 "Old" versus "Updated" ISAN Version data fields	13
	4.3 "Old" versus "New" ISAN Versions Registration Screen	14
	4.4 Kind of Versions and Parent Relationship	15
	4.4.1 Possible Values for the "Version Kind"	15
	4.4.2 Possible Values for the Parent Relationship (depends on the Version Kind)	16
	4.4.2.1 Language Versions	16
	4.4.2.2 Edition Versions	16
	4.4.2.3 Media Versions	16
	4.4.2.4 Related Content Versions	17
	4.4.2.5 Related Items Versions	17
	4.5 Version Distribution Information	18
	4.5.1 Distribution Region / Country	18
	4.5.2 Distribution Channel & Distribution Platform	18
	4.5.2.1 Distribution Channel Values	19
	4.5.2.2 Distribution Platform Values	19
	4.6 Image Information	21
	4.6.1 Image Definition	21
	4.6.2 Image Aspect Ratio	22
	4.7 Media of Fixation	22
5	EXAMPLES OF VERSION REGISTRATIONS	23
5.1 Example 1 : a V-ISAN for a Blu-ray Disc (AACS)		



# ISAN System Release 26.11.2012

5.2 Example 2: a V-ISAN to didentify a linguistic version	26
5.3 Example 3: a V-ISAN to identify a censored version of an audiovisual content	27
5.4 Example 4: a V-ISAN to identify a specific broadcast	28
ISAN BARCODE	29
ISAN BARCODE 6.1 What is it for and what's new?	<b>29</b> 29



# 1 Introduction

### 1.1 GENERAL OVERVIEW OF THE NEW RELEASE

A new version of the ISAN System is released on November 26<sup>th</sup> 2012. This new release is a major update of all Oracle components on new hardware. The ISAN System Application "ISAN Web Template" has also been updated to integrate improved functionalities and new features.

This document aims to address the major changes of the ISAN Web Template, in order to assist users in the discovery of the updated and new functionalities.

The major features changes in this release include:

- Improved search by work information and display of results:
  - → The number of displayed results is no more limited to 500 results.
  - Since search via the web template are no more invoiced for registrants, the warning messages for paying search have been suppressed.
  - The search index has been improved to better take into consideration accents and special characters in many languages.
  - Search result lists contain more information; durations have all been standardized in the lists.
  - Improved search of series: browse through a serial with a navigation from the Serial Header to the registered Episodes and the various versions.
  - → Improved Serial Header Display Form with new information such as the SHID and a summary view of the serial such as the number of registered Episodes, the seasons, min/max year of reference, etc...
- Improved registration for Episodic works:
  - Single Works /Episodic Works registrations processes have been split with two distinct menu entries.
  - The search, selection or creation of new Serial Headers has been improved.
  - The work Type SE (Serial) can no more be selected for non episodic works.
- Improved ISAN Version Schema and new registration form:
  - Improved schema with new fields (relationship, image format definition, version composite, distribution region/country,...) and updated vocabularies for some closed lists (distribution platform, distribution channel, media of fixation).
  - The three tabs "1-Title & Description", "2-Intention & Language", "3-Additional Information" have been merged in one single Tab "1-Version Descriptive Information".
  - Improved relations between versions. The relationship between Work and Version as well as "Version of Versions" is now qualified with a relationship descriptor.
- Relations between series episodes / works versions versions of versions and their relationships are displayed when appropriate. Every ISAN version clearly displays all hierarchical relations from the top down to the current version.
- The EPS barcode (adapted for film credits) can now be downloaded directly from the web template.
- The Web Template internationalization (string translation) system has been simplified and improved.
- An additional confirmation box has been added prior issuance of In-Dev ISANs
- Bulk registration process has been improved to be more robust, faster and enables in next version releases a management by RAs.
- The Bulk matching process for ISAN dissemination has been updated in a similar way as the Bulk registration.
- Bulk registration and Bulk matching for dissemination can now function in parallel.
- Various Bugs corrections.



# 2 Serial Header Display Form

In this new release the Serial Header display form has been enriched for a better identification of series. The search for series and the navigation through the episodes has been improved.

ISAN identifies series through the episodes that compose a serial. Since there is no ISAN for a serial (a serial header) the ISAN system delivers a Serial Header ID (**SHID**) for each serial header. The SHID corresponds to the root segment of the ISAN (12 first digits) that is shared with all "episodic ISANs" of a serial.

To search for serial headers (series), you need to perform a search from work info and restrict the search on Serial Titles:

Client Management     My account	ISAN - Search from work information
▼ ISAN Services	
Create single ISAN     Create serial ISAN     Create serial ISAN     Request in-dev ISAN     Eolow up in dev ISAN     Search from work info     Search from ISAN or V-ISAN     Display pending ISAN     Affixing ISAN     Create V-ISAN	Search scope © CLIENT Catalogue © RA Catalogue © ISAN Catalogue
" Display Match Result	
<ul> <li>▼ Reports</li> <li># Usage report</li> <li># Indev report</li> <li># Work report</li> <li># Inactivated/Rejected ISAN applications report</li> <li>▼ Home</li> </ul>	Title information         Image: All image
	Advanced Search

The search result screen displays the list of series that match with the search criteria.

#### ISAN - Results

	items : 1 - 1 from 1				
	ID	Title	Work Type	Year of reference	Duration
<	SH ID 0000-0002-3842	The Mentalist (ENG - original)	SE	2008	
	items : 1 - 1 from 1			page : 1	>
	⊳ Back			⊳ N	lew Search

Click on the SHID and get an overview of the series in the Serial Header Display Form.

In this new release, the Serial Header display form has been enriched with information deducted from the registered episodes that compose the serial:

5/31



# ISAN System Release 26.11.2012

ISAN - Work preview	:1/1	help   Home   change password   logou	t
	Serial Header Information	1	
	0000-0002-3842		
	The Mentalist		
Title information			]
Title	Language	Original	
The Mentalist	ENG	Yes	
Le Mentaliste	FRE	No	
Overview			
Seasons registered: 2+	Episodes registered: 25	From 2008 to 2009	
Recurring Director(s):	Recurring Actor(5):	Full list of episodes	
Chris Long David Nutter	Robin Tunney Simon Baker	▲	
David Barrett			
Click on 📓 to display the 2D barcod	e for this ISAN	⊳ New Search	
Serial Header vie		Episodes with t	a popup with the list of all registered he following information:
	easons: "+" signifies that at leas		
	n information registered	<ul> <li>Episode tit</li> </ul>	
Total numbers of regis		<ul> <li>ISAN num</li> </ul>	
Year of Reference of t	he oldest registered episode	<ul> <li>Season nu</li> </ul>	ımber (when available)
/ear of Reference of th	e most recent registered	<ul> <li>Episode nu</li> </ul>	umber (when available)
ode.	-	Director (w	/hen available)

Director (when available)

most episodes of the serial Up to 3 recurring Actors: the ones who played in the • most episodes of the serial

A link to the list of registered episodes

Up to 3 recurring Directors: the ones who directed the

Serial Header Episodes List :

tems : 1 - 23 from 23				
pisodes Titles	ISAN	Episode Number	Season Number	Director
Flame Red (ENG)	0000-0002-3842-0009-Z-0000-0000-6	09	1	Charles Beeson
Red Rum (ENG)	0000-0002-3842-000C-T-0000-0000-0	12	1	Dean White
<u>Red John's Footsteps (ENG)</u>	0000-0002-3842-0017-Z-0000-0000-6	23	1	Chris Long
	0000-0002-3842-000D-R-0000-0000-U	13	1	David Barrett
Paint It Red (ENG)		15	1	David barrett
Scarlett Fever (ENG)	0000-0002-3842-000F-N-0000-0000-5	15	1	Paul Holahan
<u>Beander Forer (End)</u>				
Blood Brothers (ENG)	0000-0002-3842-0016-2-0000-0000-V	22	1	John Polson
Red Tide (ENG)	0000-0002-3842-0002-E-0000-0000-W	03	1	David Barrett
	0000-0002-3842-0007-4-0000-0000-P	07	1	Martha Mitchell

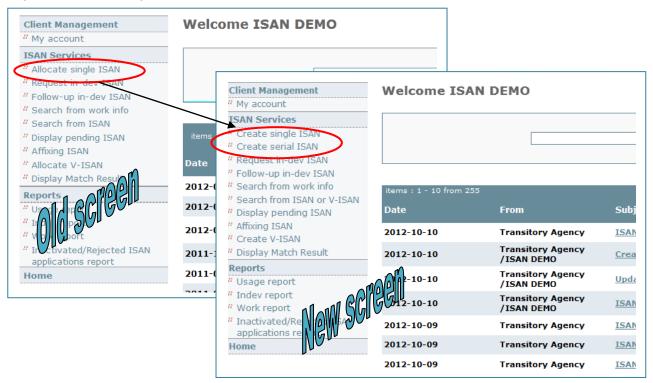
٠



# 3 Serial Works Registration

## 3.1 HOW TO REGISTER A SERIAL WORK

The serial work registration is now accessible from a <u>distinct</u> menu item "Create Serial ISAN" as the single work registration: "Create Single ISAN".



The serial work registration process starts with the selection of a Serial Header (the Serial record in the ISAN Database). Therefore, first search for a Serial Header that matches with the Serial to register with ISAN: Type the title of the serial and click on the "**Search**" button

a) If one or several results are returned: click on the **serial title** to display more information about the serial and access to the registered episodes. Once you have found which Serial Header is the correct one, click on the "**Select**" button to validate your choice. You can then proceed to the registration of your first episode. Repeat this operation for each episode to want to register.

b) If no result is returned, or if your serial does not match with the returned results, you will have to create first a Serial Header. Therefore click the "*Add*" button, enter the original and alternate titles for the serial. To submit the data to the ISAN System click on the "*Save*" button.

Then to register your episode(s) perform a new search on the Serial Header you have just created and proceed as in (a) above.



# 3.2 EXAMPLE 1: THE SERIAL HEADER IS ALREADY REGISTERED IN THE DATABASE.

1

Click on "Create serial ISAN" and look for "The Mentalist"; click on "Select" to add episodes of season 2.

Client Management	Search a Serial Header & Register a new episod	e
" My account		
ISAN Services	J	
" Create single ISAN		
" Create serial ISAN	Title the mentalist	▶ Searc
Request in-dev ISAN		
" Follow-up in-dev ISAN		
<sup>#</sup> Search from work info		
" Search from ISAN or V-ISAN	items : 1 - 2 from 2	
Display pending ISAN	Title	
" Affixing ISAN		
" Create V-ISAN	<u>The Mentalist (ENG - original)</u>	
" Display Match Result	Le Mentaliste (FRE ) SE 2008	► Select / ►
Reports		
" Usage report	the mentalist's journey (ENG - original)	► Select ►
" Indev report		
" Work report	items : 1 - 2 from 2	page : 1
Inactivated/Rejected ISAN applications report		page, i
Home	▶ Back	r⊳ Add

Note that the result shows the alternate title(s) too.

Once the Serial Header is selected, proceed the same way as for a single work registration.

1 - Core data 2 -	Titles 3 - Participants	4 - Composite	Þ
▶ Is Episode	Is Episode From:The Menta	alist(ENG)	
Episode Number	1	Season Number	2
eral Information			
Registrant :	ISAN DEMO		
Type :	Serie 💽 🥑		
Kind :	Live Action	<b>v</b>	
Year of reference:	2009	Year of 1st publication:	2008
Duration :	44 minutes 💌	Composite :	No \star 🕐
Color Kind :	Color 🖉 🕤	Silent :	No 💌
Production companies :			
		■ 😣 🕀	
Production countries :			
			$\oplus$
Original language :	ENG English		
		🗉 😣 🛨	
Fields in <b>bold</b> are compulse			
rieres in sole are company	a list of values for this field		
Click on the con to get a			
Click on the icon to get a Click on the icon to reset Click on the ticon to add	a new record		



ISAN System Release 26.11.2012 9/31

If other episodes have already been registered for the serial, some descriptive information usually common to all episodes is automatically inherited to facilitate the registration process. You can change this information if appropriate and complete the registration with the episode number, season number, title, cast if different .....

Complete as much information as possible for a better identification of your work, on all pages.



We recommend to fill in the episode and the season number fields to facilitate the automatic induplication and minimize the manual pending resolution effort.

#### 3.3 EXAMPLE 2: THE SERIAL HEADER IS NOT IN THE LIST

For this example the title of the serial is: "The series registration process"

	Search a Serial Header & Register a new episode
<sup>#</sup> My account	
ISAN Services	
" Create single ISAN	
" Create serial ISAN	Your search returned no work
" Request in-dev ISAN	
" Follow-up in-dev ISAN	
" Search from work info	Title The series registration process
" Search from ISAN or V-ISAN	
" Display pending ISAN	
" Affixing ISAN	
" Create V-ISAN	▷ Back
" Display Match Result	

Click on "add"

d a new	serial h	eader		
Original Yes 💌	Language	Title The series registration process		× ×
a list of val field Click on the reset conte	■ icon to get ues for this ■ icon to nts of this field ■ icon to add	1		
			C⊨ Ca	ncel 🛛 🕞 Save

#### Click on "save"



Fill also alternative title(s) in the same or in other language(s). This will be useful to prevent duplicate registrations from foreign registrants (e.g. co-producers).

Redo the search and proceed the same way as explained in the previous example. However this will be the first episode, no pre-registered descriptive information usually common to all episodes of the serial can be inherited.

Search a Serial Header & Register a new episode	
Title The series registration process	► Search
items : 1 - 1 from 1 Title⊽	
The series registration process (ENG - original)	⊳ Select / ト Edit
items : 1 - 1 from 1	page : 1 >
⊳ Back	r⊳ Add



If you can't find the Serial Header you have just created, then it might still be in the matching queue that processes all requests for duplicate registrations checks. If a Serial Header is detected as a potential duplicate, the system blocks it for manual induplication by the Registration Agency. Therefore check also the system message list in your home page for pending Serial Headers notifications.



# 4 Updated ISAN Version Schema

# 4.1 INTRODUCTION: THE TYPE OF VERSIONS AND THEIR RELATIONSHIPS

An ISAN version can be applied to any specific instance (or version) of an AV Work that can result from any particular aggregation of elements that affect the content of an Audiovisual Work already identified with an ISAN. Versions can be:

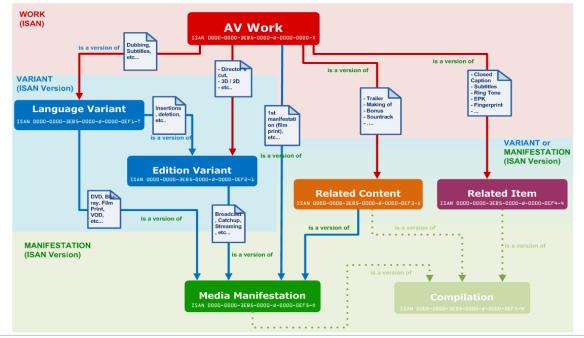
Variants of AV Works, which are audiovisual contents resulting from change(s) to the AV Work that do not significantly alter the nature of the intellectual creation (i.e. does not result into a new/different intellectual creation). Such changes can for example be one or a combination of: minor editions, the addition of subtitles, dubbing, alterations of the soundtrack, etc... Variants are usually abstract things since any fixation on a physical medium or digital asset can be pointed to (see manifestations below). A variant can exist only if an AV Work exists.

Manifestations of the AV Work, which are characterized by the fixation of the AV work or a variant of it on a physical medium (e.g. film print, tape, digital file, ...). Since an increasing number of audiovisual works are dematerialized (without a fixed physical carrier), manifestations can also be digital assets such as files or streams without physical properties. A manifestation can exist only if an AV Work exists. Manifestations are described with a specific set of metadata that defines the technical properties of the embodiment (Low Definition / High Definition, 16:9 / 4:3, 2D/3D, etc...) and the media of fixation (Blu-ray, Film Print, DVD, Windows Media File, etc...).

<u>Related Contents</u>: contents closely related to an audiovisual work or version identified with ISAN can be identified with an ISAN Version. Such related contents can be a trailer, bonus material such as "behind the scenes" or interviews of actors or the director, etc...

• <u>**Related Items**</u>: to some extent, contents such as audio tracks, closed captioning, ring tones, fingerprints, etc... that are derived from or closely related to a version of the audiovisual work can be identified with an ISAN version.

An audiovisual work and its many variants and manifestations can be linked together in an audiovisual hierarchy as in the example below:





ISAN System Release 26.11.2012 12/31

In order to identify properly each version and its relation with its "parent" audiovisual work or its "parent" audiovisual version, each ISAN Version is defined by a Version Kind and a Relationship.

#### For example:

#	Version Kind	Relationship	Description
1	Language	is dubbing of	The Italian dubbed version of a Feature Film originally released in French. This version is a variant.
2	Edition	is colorized version of	The colorized version of a Black and White patrimonial work. This version is a variant
3	Media	is media manifestation of (#2)	The fixation of the above colorized work on a film print. This version is a manifestation.
4	Media	is media manifestation of (#1)	The fixation of the above Italian dubbed version of a Feature Film on a Blu-ray disc. This version is a manifestation
5	Related Content	is trailer of (#1)	The trailer of the above Italian dubbed Feature Film
6	Related Item	is soundtrack of (#1)	The audio soundtrack in Italian language of the above dubbed Feature Film



### 4.2 "OLD" VERSUS "UPDATED" ISAN VERSION DATA FIELDS

The ISAN version schema has evolved to improve the identification of versions. The following changes have been implemented:

OLD DATA FIELD	UPDATED DATA FIELD	NOTES
Version intention Kind :	Version Kind :	
Language and or Subtitles	Language	
Editing Purpose	Edition	
Media		Unchanged
Related Item	Related Item	
	Related Content	kind": Related Item & Related Content. Removed
Other		Replaced with the relationship that applies for all
Version of version	Relationship	version kind.
Title + Language + Kind	Title + Language + Kind	Unchanged
Spoken & Written Language	Spoken & Written Language	Unchanged
Version Running Time	Version Running Time	Unchanged
Version Year of Release	Version Year / Date of Release	This field has been extended to authorize also dates and times. This can be used for example to express the first broadcasting day and time of a version of a TV program (e.g. 2012-03-22-17:15)
	Distribution Region / Country	NEW: the region or list of countries in which the version is distributed
Distribution Kind	Distribution Channel	The vocabulary of the closed list has been changed
Distribution Platform	Distribution Platform	The vocabulary of the closed list has been changed
Distribution Media	Media	The vocabulary of the closed list of media has been updated
	Digital Format	NEW: The digital format complements the media
Exernal IDs	Exernal IDs	Unchanged, except the possibility to add a note next to an ID to describe to what it refers to.
Version Description (+	Version Descriptive Name	The version description (+ its language) has been
Language)	Version Notes	replaced with two fields: the "version descriptive
		name" (the common name of the version given by the registrant) and the "Version Notes" (additional info about the version that does not fit in other metadata
		fields.
	Image Details	NEW: additional visual information such as (color , dimension, definition, ratio)
	Version	NEW: A list of ISAN versions that compose the current
	Composite/Compilation	version. Typically this enables to compile several versions into one such as when packaging a DVD with the different soundtracks + bonus material + subtitle tracks etc
Rating Country + System + Code	Rating Country + System + Code	Unchanged
Content Alert	Content Alert	Unchanged



## 4.3 "OLD" VERSUS "NEW" ISAN VERSIONS REGISTRATION SCREEN

The three tabs "1-Title & Description", "2-Intention & Language", "3-Additional Information" have been merged in one single Tab "1-Version Descriptive Information".

" My account					
ISAN Services " Allocate single ISAN	Version of : Demo	) Test		IS	AN 0000-0002-3165-0000-O-0
" Request in-dev ISAN	1- Title & De	scription 2- Intention & Langu	iage 3	- Additional Information	1
" Follow-up in-dev ISAN " Search from work info	Titles of Version				
" Search from ISAN	Title		Languag	је	Kind
" Display pending ISAN	Demo Test		FRE	French	Original 💌 🗙
" Affixing ISAN " Allocate V-ISAN					▼ X
" Display Match Result	-				
▼ Reports		1-Version Descriptive Informat	tion 7-1	ersion Admnistrative Info	
<ul> <li><sup>#</sup> Usage report</li> <li><sup>#</sup> Indev report</li> <li><sup>#</sup> Work report</li> <li><sup>#</sup> Inactivated/Reic</li> <li>application</li> <li>▼ Hon</li> </ul>	Descriptions of Description	Parent Work 1 ICE AGE: DAWN 0     IGnd of Version The Second		AURS 0000-0001-E564-00 Parent Relationship*	000-K-0000-0000-E
	Click on the X icor	Version Title(s)* Version Running Time* Reference Year/Date* (Parnat a: YMY or YMY444 or YMY4440 or Y Developed as T) Version Language Description Is the Version Silent*		Language"	Kind*
		Spoken Languages*			_ ⊗⊕
		Subtible Languages	Ē		_ ⊗⊕
The "edit" functionality		Written Languages	E		_ ⊗⊕
The "edit" functionality		Image Details Color Format	•	(Annual	
/-ISAN for online upd	ate	Dimension*		20 20	
and correction will be		Definition			
		Aspect Ratio			
available in the next	1	Courterview of the second seco			= ⊗⊕
elease scheduled in C 2013.	Į	Distribution Channel	E	Distribution Platform	
		Rating Country	R	ating System	Rating Code
		Work contains references to :	E	<b>8</b>	
		Media Embodiment / Encoding Det	allis		
		Media of Fixation Digital Container Format Exclamal Ids	Ľ		
		Identifier	V	alue	Note
		Version Composite/Compliation	6	ð	
		8	0		
•				•	
		Additional Information	10		



### 4.4 KIND OF VERSIONS AND PARENT RELATIONSHIP

Depending of the kind of version you choose, you have to select the parent relationship corresponding to your version.

1-Version Descriptive Information	2-Version Admnistrative Information
<pre>v Parent Work: Demo Test 0000-0002-</pre>	3165-0000-0-0000-0000-2
Kind of Version *	Parent Relationship*
Edition 💌	<b></b> 😣 🕀
neral Version Information	is alternative of
/ersion Descriptive Name	is a derivation of is a replacement of
	is a preview of
/ersion Title(s)*	is extract of Kind*
	is lengthend version of Original 💌 😣 🕀
/ersion Running Time*	is restored version of is censored version of
Reference Year/Date* (Format is: YYYY or YYYY-MM or YYYY-MM-DD or YYYY DD-HH:MM:SS T)	Is edition of

#### 4.4.1 Possible Values for the "Version Kind"

Version Kind	Definition
Language	Language variant such as dubbing or subtitling. Can apply to Expressions and/or Manifestations.
Edition	Edition variant such as add-ons or cutoffs (e.g. ads inserts or local adaptation, a clip extracted from the work, etc). Can apply to Expressions and/or Manifestations.
Media	A media fixation of the work or one of its manifestations (e.g. Blu-ray, digital encoding, a mezzanine file, etc). Media versions are always manifestations.
Related Content	Related contents can be trailers or promotional material of the work, supplemental material (behind the scenes, bonus, interviews,), etc
Related Item	Related Items can be soundtracks, closed captioning tracks, fingerprints, etc
Generic Version	Undefined Version Kind

Several "Version Kind " for the same version are authorized, however the registrant may only define one Version Kind which corresponds to **the main purpose of the version being identified**.

**For example** the content on a **Blu-ray** is often resulting from editions + language variations of the original content and then embodiment of this content plus other supplemental material on a disk. If the registrant needs a **V-ISAN for AACS** and if the previously mentioned editions, language variations and supplemental material are not the main purpose of the version, the registrant will define only one "**Version Kind = Media**" with the "**Relationship = is media fixation of**".



### 4.4.2 Possible Values for the Parent Relationship (depends on the Version Kind)

#### 4.4.2.1 Language Versions

Relationship	The kind of relationship between the current version and its parent work or version	
Version Kind = "Language"	Possible relationships for a Language Version	
is dubbing of	The current version <i>is a dubbed version</i> of the parent work or version. The dubbing language is specified in the "Spoken Languages" field.	
is subtitling of	The current version <i>is a subtitled version</i> of the parent work or version. The subtitling language is specified in the "Subtitle Languages" field.	
is original version of	The current version <i>is the original language version of</i> the parent work or version. The original language is specified in the "Spoken Languages" field.	
is linguistic version of	The current version <i>is a generic or unspecified linguistic variation of</i> the parent work or version.	

#### 4.4.2.2 Edition Versions

Relationship	The kind of relationship between the current version and its parent work or version
Version Kind = "Edition"	Possible relationships for an Edition Version
is alternative of	The current version is an alternative edition of the parent work or version.
is derivation of	The current version is a derivation of the parent work or version.
is replacement of	The current version is a replacement of the parent work or version.
is preview of	The current version is a preview of the parent work or version.
is technical edit of	The current version is a technical edit of the parent work or version.
is extract of	The current version is a segment extracted from the parent work or version.
is extended version of	The current version is an extension of the parent work or version. This is usually the
	result of small adjuncts of scenes or insertion of short content such as ads that does
	not alter substantially the overall creation. Note that a long version of a content (e.g.
	the long version of The Big Blue) is usually identified with a different ISAN.
is shortened version of	The current version is a shortened version of the parent work or version. This is
	usually the result of cuts or accelerated scenes (e.g. the credits).
is restored version of	The current version is a restored version of the parent work or version. The
	restoration can concern the video track and / or audio track.
is director cut of	The current version is a director cut of the parent work or version. Note that director
	cuts can also be identified with a different ISAN.
is theatrical cut of	The current version is a theatrical cut of the parent work or version.
is censored version of	The current version is censored version of the parent work or version.
is colorized version of	The current version is colorized version of the parent work or version.
is original version of	The current version is an original version of the parent work or version.
is audio edition of	The current version is an audio edition of the parent work or version.
is edition of	The current version is a generic or unspecified edition of the parent work or version.

### 4.4.2.3 Media Versions

Relationship	The kind of relationship between the current version and its parent work or version
Version Kind = "Media"	Possible relationships for a Media Version
is media manifestation of	The current version is the embodiment of the parent work or version into a specific media (e.g. digital file, disk, tape,)
is digital encoding of	The current version is the digital encoding of the parent work or version in a file or stream.
is master of	The current version is a master intended to create high quality copies of the parent work or version.



is mezzanine of	The current version is a clean digital master in a compressed format intended to create streaming or download versions of the parent work or version.
is re-edition of	The current version is a re-edited release of the parent work or version.
is special edition of	The current version is a special release of the parent work or version.
is anniversary edition of	The current version is an anniversary release of the parent work or version.
is collector edition of	The current version is a collector release of the parent work or version.
is linear broadcast of	The current version is a release of the parent work or version intended for linear broadcast (terrestrial, cable, satellite, iptv)
is non-linear broadcast of	The current version is a release of the parent work or version intended for non-linear
	broadcast (catch-up TV, Video On Demand,)
is technical release of	The current version is a technical release of the parent work or version.
is a preview of	The current version is a preview release of the parent work or version.

### 4.4.2.4 Related Content Versions

Relationship	The kind of relationship between the current version and its parent work or version	
V. Kind = "Related Content"	Possible relationships for a Related Content Version	
is trailer of	The current version is a trailer of the parent work or version.	
is promotion of	The current version is promotional audiovisual material (other than a trailer) of the parent work or version.	
is supplement of	The current version is extra material closely related to the parent work or version such as special features, behind the scenes, director/actors interviews, etc	
is mashup of	The current version is a mix of different contents including scenes from the parent work or version.	
is compilation of	The current version is a compilation of contents that includes the parent work or version.	
is interactive material of	The current version is interactive material closely related to the parent work or version.	
is related content of	The current version is a generic or unspecified content closely related to the parent work or version.	

#### 4.4.2.5 Related Items Versions

Relationship	The kind of relationship between the current version and its parent work or version	
Version Kind = "Related Item"	Possible relationships for a Related Item Version	
is soundtrack of	The current version is a soundtrack of the parent work or version.	
is closed captioning of	The current version is a text description track (e.g. for deaf or hard hearing people accessibility) of the parent work or version.	
is audio description of	The current version is an audio description track (e.g. for blind people accessibility) of the parent work or version.	
is packaging of	The current version is a packaging of the parent work or version. Usually a packaging includes several contents or items that are referenced in the composite field of this version.	
is cue sheet of	The current version is a cue sheet that references the parent work or version.	
is fingerprint of	The current version is a fingerprint of the parent work or version.	
is ring tone of	The current version is a ring tone made of extracts of the current work or version.	
is wallpaper of	The current version is a movie wallpaper closely related to (made from) the parent work or version.	
is promotional material of	The current version is promotional material for the parent work or version.	
is related Item of	The current version is a generic or unspecified closely related Item of the parent work or version.	



## 4.5 VERSION DISTRIBUTION INFORMATION

#### 4.5.1 Distribution Region / Country

The area in which the version is distributed can be defined as a region (e.g. Europe, North America,...) or as a list of countries, or a mix of both. All ISO 3166-1 defined countries can be selected as distribution country(ies). Also the following custom codes have been defined by ISAN-IA to identify distribution regions:

Region (Regional Code)	Regions or countries in which the current version is distributed or intended for distribution.
Asia (XA)	The current version is for distribution in Asia
Asia Pacific (XP)	The current version is for distribution in Asia Pacific
Benelux (XB)	The current version is for distribution in Belgium - The Netherlands - Luxemburg
Domestic (XD)	The current version is for Domestic distribution (i.e. in the country of production)
Europe (EU)	The current version is for distribution in Europe.
Europe North (XE)	The current version is for distribution in North Europe.
Europe South (XU)	The current version is for distribution in South Europe.
International (XI)	The current version is for International distribution.
Latin America (XL)	The current version is for distribution in Latin America.
North America (XN)	The current version is for distribution in North America.
Scandinavia (XS)	The current version is for distribution in Scandinavia (i.e. Denmark - Norway - Sweden).
World Wide (XW)	The current version is for World Wide distribution.

#### 4.5.2 Distribution Channel & Distribution Platform

The values for the Distribution Channel and the Distribution Platform have been updated. Depending of the kind of distribution channel you choose, you will select a particular distribution platform that corresponds to your version.

Version Distribution Country(ies) of Distribution	
Distribution Channel Linear Broadcas	Distribution Platform
Linear Broadcasting CatchupTV Video On Demand S-VOD Near VOD Electronic Sell Through Home Video Not for Distribution Video Games Digital Signage Hosting Mc Events (Market, exhibitions, Festivals,) Internet / web Mobile Other Ergitar Container Format	Distribution Platform  Linear Broadcasting Digital Terrestrial Analogue Terrestrial Cable IPTV Satelite Streaming Mobile



### 4.5.2.1 Distribution Channel Values

Distribution Channel	
Theatre / Cinema	The current version is for theatre or cinema
Linear Broadcasting	The current version is for linear broadcasting
CatchupTV	The current version is for catchup TV
Video On Demand (VOD)	The current version is for Video On Demand (VOD)
Subscription Video On	The current version is for Subscription Video On Demand (monthly fee for
Demand (S-VOD)	accessing unlimited programs)
Near VOD (NVOD)	The current version is for Near VOD
Electronic Sell Through	The current version is for customer download and local storage on hard
	drive or burn on optical disc.
Home Video	The current version is for Home Video ('physical' sell through or rental)
Not for Distribution	The current version is not for distribution (archives, internal use,
	intermediate version,)
Video Games	The current version is for Gaming
Digital Signage	The current version is for 'narrowcasting' on digital signage screens such as in retail stores, hotels, restaurants, airports, and corporate buildings.
Hosting	The current version is for video hosting distribution such as airlines, boats, hotels,
Events (Market, exhibitions,	The current version is specifically for events such as film markets,
Festivals,)	exhibitions, film festivals, etc
Internet / web	The current version is for distribution over internet
Mobile	The current version is for distribution on mobile devices such as
	smartphones, tablets, etc
Other	The current version is for any other unlisted distribution platform

### 4.5.2.2 Distribution Platform Values

Distribution Platform	Comment	
Distribution Channel = "Theatre / Cinema"		
Theatre / Cinema	The current version is for distribution in theatre or cinema	
Distribution Channel = "Linear Broadcasting"		
Linear Broadcasting	Current version is for Linear broadcasting, no distribution platform is specified.	
Digital Terrestrial	Current version intended for Digital Terrestrial linear broadcasting.	
Analogue Terrestrial	Current version intended for Analogue Terrestrial linear broadcasting.	
Cable	Current version intended for Cable linear broadcasting.	
IPTV	Current version intended for IPTV linear broadcasting.	
Satellite	Current version intended for Satellite linear broadcasting.	
Multiple (Cable/Satellite)	Current version intended for Multiple Platforms (Cable, Satellite,) linear broadcasting.	
Streaming	Current version intended for linear broadcasting in Streaming.	
Mobile	Current version intended for linear broadcasting for mobile devices (smartphones,).	
Distribution Channel = "Ca	atchupTV"	



CatchupTV	Current version is for Catchup TV, no distribution platform is specified.	
Cable	Current version intended for Catchup TV over the Cable.	
IPTV	Current version intended for Catchup TV over IPTV .	
Satellite	Current version intended for Catchup TV over Satellite.	
Streaming	Current version intended for Catchup TV in streaming.	
Multiple (Cable/Satellite)	Current version intended for Multiple Platforms (Cable, Satellite,)	
, , , , , , , , , , , , , , , , , , , ,	Catchup TV	
Distribution Channel = "View of the second sec		
Video On Demand	Current version is for Video On Demand, no distribution platform is	
	specified	
Cable	Current version intended for Video On Demand over the Cable.	
IPTV	Current version intended for Video On Demand over IPTV.	
Satellite	Current version intended for Video On Demand over Satellite.	
Streaming	Current version intended for Video On Demand in streaming.	
Multiple (Cable/Satellite)	Current version intended for Multiple Platforms (Cable, Satellite,) Video	
1 ( )	On Demand	
Distribution Channel = "S-	VOD"	
S-VOD	Current version is for S-VOD, no distribution platform is specified.	
Cable	Current version intended for S-VOD over the Cable.	
IPTV	Current version intended for S-VOD over IPTV .	
Satellite	Current version intended for S-VOD over Satellite.	
Streaming	Current version intended for S-VOD in streaming.	
Multiple (Cable/Satellite)	Current version intended for Multiple Platforms (Cable, Satellite,) S-VOD	
Distribution Channel = "Ne		
Near VOD	Current version is for Near VOD, no distribution platform is specified.	
Cable	Version intended for non linear Cable distribution.	
IPTV	Version intended for non linear IPTV distribution.	
Satellite	Version intended for non linear Satellite distribution.	
Streaming	Current version intended for Near VOD in streaming.	
Multiple (Cable/Satellite)	Current version intended for Multiple Platforms (Cable, Satellite,) Near	
, , , , , , , , , , , , , , , , , , ,	VOD	
Distribution Channel = "Ele	ectronic Sell Through"	
Electronic Sell Through	The current version is for customer download and local storage on hard	
	drive or burn on optical disc.	
Cable	Current version intended for Electronic Sell Through over the Cable.	
IPTV	Current version intended for Electronic Sell Through over IPTV.	
Satellite	Version intended for Electronic Sell Through over Satellite.	
Multiple (Cable/Satellite)	Current version intended for Electronic Sell Through over Multiple Platforms (Cable, Satellite,)	
Internet	Current version intended for Electronic Sell Through over Internet.	
Distribution Channel = "Ho		
Home Video	Current version is for Home Video, no distribution platform is specified.	
Sell Through	Current Version is for Home Video customer sales.	
Rental	Current Version is for Home video customer rental.	
Distribution Channel = "No		
Not for Distribution	The current version is not for distribution	
	The current version is for archival	
Archive		



# ISAN System Release 26.11.2012 21/31

Technical / Intermediate	
version	The current version is a technical or intermediate version
Internal	The current version is for internal use only
Distribution Channel = "Vi	deo Games"
Video Games	The current version is for gaming whatever the platform (online, game console, mobile device,)
Distribution Channel = "Di	
Digital Signage	The current version is for 'narrowcasting' on public environments screens such as in retail stores, hotels, restaurants, airports, and corporate buildings.
Distribution Channel = "Ho	osting"
Hosting	The current version is for video hosting distribution such as airlines, boats, hotels,
Airline	The current version is intended to be shown on airlines
Boats	The current version is intended to be shown on boats
Hotels	The current version is intended to be shown in Hotels
Other	The current version is intended to be shown in unspecified hosting places.
Distribution Channel = "Ev	vents"
Events (Market, exhibitions,	The current version is specifically for events such as film markets,
Festivals,)	exhibitions, film festivals, etc
Distribution Channel = "Int	ternet"
Internet / web	The current version is for distribution over internet
Distribution Channel = "Me	obile"
Mobile	The current version is for distribution on mobile devices such as smartphones, tablets, etc
Distribution Channel = "Ot	her"
Other	The current version is for any other unlisted distribution platform

## 4.6 IMAGE INFORMATION

#### 4.6.1 Image Definition

Image Definition	
LD (240p, 360p,)	Low Definition (240p / 360p): older mobile phones, and portable devices (PSP, iPod, iPhone), Video CD,
SD (480i/p, 576i/p,)	Standard Definition: DVD, Analogue broadcast, Betamax, Betacam, VHS, LaserDisc, Hi8, mini DV, Digital8
HD (720p)	Intermediate High Definition: D-VHS, HD DVD, Blu-ray, HDV (miniDV)
HD (1080i/p)	High Definition: HDV (miniDV), AVCHD, HD DVD, Blu-ray, HDCAM SR
Ultra HD (2160P)	4K UHDTV (2160p) with a resolution of 3840 × 2160 (8.3 megapixels).
Ultra HD (4320P)	8K UHDTV (4320p) with a resolution of 7680 × 4320 (33.2 megapixels)
2К	Digital Cinema (2048x1080), Flat (1998x1080)
4K	Digital Cinema (4096x2160)
16mm (film print)	N/A : 16mm Film print
35mm (film print)	N/A : 35mm Film print
70mm (film print)	N/A : 70mm Film print (IMAX,)



Unlisted	Other unlisted definition

#### 4.6.2 Image Aspect Ratio

Aspect ratio	
1:1	Square image
4:3	4:3 image
16:9	1.77:1: Standard aspect ratio for High Definition video (HD TV, video cameras,)
1.37:1 (academy)	Primary original aspect ratio. Also includes the ratio 1.33:1 before the soundtrack
	was incorporated onto the film).
1.66:1 (std. theatrical EU)	1.66:1: 35 mm theatrical standard in most European countries (15:9 / 5:3)
1.85:1 (std. theatrical US)	1.85:1: 35 mm theatrical standard in the US and UK
2.40.1 (anamorphic)	2.39:1 (12:5) Widescreen standard aspect ratio for theatrical showings
	(Panavision, flat)
1.44:1 (IMAX)	IMAX format
14:9	Intermediate video widescreen (between 4:3 and 16:9)
Other	Other unlisted aspect ratio

#### 4.7 MEDIA OF FIXATION

This is the media on which the version of the content is affixed

Media	
Digital File / Stream	Any encoding of the content into a digital file or stream
Blu-ray	Blu-ray optical disc
DVD	DVD optical disc
HD-DVD	HD-DVD Optical disc (deprecated)
Other Optical Disk	Any other unlisted optical disc (laserdisc, CD-ROM,)
Film Print	Any kind of film print
VHS	VHS magnetic tape
Betamax	Betamax magnetic tape
Other Tape	Any other unlisted tape
Digital Cinema Package (DCP)	Digital Cinema package (DCP)
Other (Unlisted Media)	Any other unlisted media.



# 5 Examples of Version Registrations

# 5.1 EXAMPLE 1 : A V-ISAN FOR A BLU-RAY DISC (AACS)

In this example we will identify a Blu-ray version of a work in order to obtain a V-ISAN for AACS. The title of the version is "Demo Test"

Kind of version is "media" - Parent relationship is "media fixation"

SAN - Create an V-ISAN	
<sup>•</sup> Required Click on the icon to get a list of values for this field Click on the ⊗ icon to reset contents of this field Click on the ⊕ icon to add a new record	
1-Version Descriptive Information	2-Version Admnistrative Information
telationships	
<b>work :</b> Demo Test - ISAN 0000-0002-3165-	-0000-0-0000-2
Kind of Version *	Parent Relationship*
Media 🗸	is media fixation 🗨 🛞 🕀
General Version Information	
Version Descriptive Name	
Demo Test (BD) (STD) (P3) - for NA licences	5
Version Title(s)*	Language* Kind*
Demo Test	ENG , English 🔹 Original 💽 🏵 🕀
Version Running Time*	
Reference Year/Date*	
YYYY or YYYY-MM or YYYY-MM-DD or YYYY-MM-DD-HH:MM:SS T	2013
ersion Language Description	
Is the Version Silent*	No
Spoken Languages*	ENG , English 💌 😣
	FRE , French
	rke, rrench
Subtitle Languages	
Subtitle Languages Written Languages	FRE , French 💽 🛞 🕀
Written Languages	FRE , French 💽 🛞 🕀
Written Languages mage Details	FRE , French 💽 🏵 🕀
Written Languages mage Details Color Format	FRE , French 🔍 🏵 🕀

(



# ISAN System Release 26.11.2012 24/31

Media Embodiment / Encoding Details		
Media of Fixation	Blu-ray 💽	
Digital Container Format	MPEG 🗸	
Version Distribution		
Country(jes) of Distribution	XN_North America 🖃 😣 🕀	
Distribution Channel	Distribution Platform	
Home Video	Home Video 🔍	
Rating Country	Rating System	Rating Code
Work contains references to :	<b>v</b> 😣 🕀	
External Ids		
Identifier	Value	Note
Private ID 🗸	DVD01254	
Version Composite/Compilation		
	8	
	8	
	8 🕀	
Additional Information		
	▷ Preview	

Click on "Preview" once you have entered all information related to your version.

Check the metadata; if everything is correct, click on "Request V-ISAN" or "Back" to make some corrections.



ISAN

# ISAN System Release 26.11.2012 25/31

**V-ISAN - Preview** 

Version Descriptive Nan	ie	
Demo Test (BD) (STD) (P3	3) - for NA licences	
General Version Informa	ation	
Version Running Time	80 min	
Reference Year/Date	2013-01-01 01:00:00 +0100	
Version Language Descr	iption	
Spoken Languages	English, French	
Subtitle Languages	French	
Image Details		
Color Format	Color	
Dimension	2D	
Definition	HD (1080i/p)	
Aspect Ratio	16:9	
Version Distribution		
Country(ies) of Distribution	North America	
Distribution Channel	Home Video	
Distribution Platform	Home Video	
Media Embodiment / En	coding Details	
Media of Fixation	Digital Container Format	
Blu-ray	MPEG	
External Ids		
Identifier	Value	Note
Private ID	DVD01254	

🕞 🛛 🕹 🕹 🕹 🕹 🕹 🕹 🕹

ISAN 0000-0002-3165-0	000-O-0000-0006-P	
/ersion Descriptive Na	me	
Demo Test (BD) (STD) (P	3) - for NA licences	
General Version Inform	ation	
Version Running Time	80 min	
Reference Year/Date	2013-01-01 01:00:00 +0100	
/ersion Language Desc	ription	
Spoken Languages	English, French	
Subtitle Languages	French	
(mage Details		
Color Format	Color	
Dimension	2D	
Definition	HD (1080i/p)	
Aspect Ratio	16:9	
ersion Distribution		
Country(ies) of Distribution	North America	
Distribution Channel	Home Video	
Distribution Platform	Home Video	
Media Embodiment / Ei	ncoding Details	
Media of Fixation	Digital Container Format	
Blu-ray	MPEG	
External Ids		
Identifier	Value	Note
	DVD1254	

Version: 1.2 | November 20, 2012



### 5.2 EXAMPLE 2: A V-ISAN TO DIDENTIFY A LINGUISTIC VERSION

In this example we will identify a Spanish subtitled version of the French Movie "Le Grand Bleu" by Luc Besson to be used in theaters in Spain

Kind of version is "Linguistic" – Parent relationship is "is subtitling of"

Kind of Version *	Parent Relationship*
)	
ersion Language Description	
Is the Version Silent*	No 💌
Spoken Languages*	FRE , French 💌 😣 🕀
Subtitle Languages	SPA , Spanish 📃 😣 🕀
Written Languages	<b>•</b> 😣 🕀
)	
ersion Distribution	
Country(ies) of Distribution	ES Spain 🗏 😣 🕀

If the **Linguistic version** is a **Variant**, you will NOT define a Distribution Channel, distribution platform, image information nor a media of fixation

If the Linguistic version is a Manifestation, any kind of "distribution channel" might apply. Depending on the selected "Distribution Channel", you may have to choose a specific "Distribution Platform" and a specific "media of fixation".



## 5.3 EXAMPLE 3: A V-ISAN TO IDENTIFY A CENSORED VERSION OF AN AUDIOVISUAL CONTENT

In this example we will identify an edited version with cuts of scenes of nudity.

Kind of version is "Edition" - Parent relationship is "is censored version of".

1-Version Descriptive Information	2-Version Admnistrative Information	
• Parent Work : Demo Test 0000-000	02-3165-0000-0-0000-0000-2	
Kind of Version *	Parent Relationship*	
Edition	is censored vers 🗸 😣 🕀	
eneral Version Information		
Version Descriptive Name		
suppression of some scenes of nudity		
Version Title(s)*	Language*	Kind*
Demo Test	ENG English	Original 💌
Version Running Time*	72 MIN	

Your new content will be shorter than its parent work; change the default duration which was 80 min.

Country(ies) of Distribution		1 😣 🕀
Distribution Channel Not for Distributi	Distribution Platform     Not for Distribut	
Rating Country	Rating System	Rating Cod

You may need to adapt the rating according to this new version.



### 5.4 EXAMPLE 4: A V-ISAN TO IDENTIFY A SPECIFIC BROADCAST

In this example we will identify a feature film which was produced for theaters and **broadcasted on TV** on **30**<sup>th</sup> of October 2012 at 20:00

The broadcasted version is a new manifestation of the content and is therefore defined as a "Media" Version

1-Version Descriptive Information	2-Version Admnistrative Information	
Delationality		
Relationships		
Work : Casino Royale - ISAN 0000-0001	-68EC-0000-X-0000-0000-C	
Kind of Version *	Parent Relationship*	
Media 🔹	is linear broadca 🗸 🛞 🕀	
General Version Information		
Version Descriptive Name		
Casino Royale - version for Sky Movies 0	07	
Version Title(s)*	Language*	Kind*
Casino Royale	ENG , English 💌	Original 🚽 😣 🕀
Version Running Time*	144 MIN 🖌	
Reference Year/Date* YYYY or YYYY-MM or YYYY-MM-DD or YYYY-MM-DD-HH:MM:SS T	2012-30-10-20:00	]
Version Language Description		
Is the Version Silent*	No 💌	
Spoken Languages*	ENG , English 💽 😣 🕀	
Subtitle Languages		
Written Languages	▼ 8 ⊕	
Image Details		
Color Format	Color	
Dimension*	2D 🔻	
Definition	HD (1080i/p)	
Aspect Ratio	16:9	
Media Embodiment / Encoding Details		
Media of Fixation	Digital File / Str 🗸	
Digital Container Format	MPEG 🗨	
Version Distribution		
Country(ies) of Distribution	GB , United Kingdom 💽 😣 🕀	
Distribution Channel	Distribution Platform	
Linear Broadcas 💌	Multiple (Cable/	



# 6 ISAN Barcode

#### 6.1 WHAT IS IT FOR AND WHAT'S NEW?

The ISAN helps to keep down the cost of production workflow when using bar-coding (as a means of labeling physical support material such as film reels, cassettes, hard drives, etc...) and machine readable identification labels as part of the tracking of support materials throughout the production and postproduction process. ISAN when combined with bar coding offers an opportunity to track works both inside the production companies and critically whenever the works move between third party suppliers and distributors.

For all ISAN that have been allocated, a two dimensional barcode (2D barcode) Data Matrix can be download from the ISAN central database. The barcode is available in different sizes and image format (jpeg, EPS), in color or black and white, with or without ISAN logo.





Registrants may use the ISAN barcode alone, may use the number alone or the entire graphic as displayed.

We encourage using the complete graphic image as it appears below on all contracts, promotional material, film credits, and media labels.





ISAN 0000-0002-6523-0000-Q-0000-0000-X

The ISAN barcode can be downloaded from the ISAN Web Template work by work, or in one single download for the whole catalogue of a registrant.

The download of the Black & White EPS barcode has been added to this new release.



ISAN System Release 26.11.2012 30/31

## 6.2 HOW TO DOWNLOAD THE EPS BARCODE FOR A SPECIFIC WORK (ISAN / V-ISAN)

- 1 Make a search to display the audiovisual work or version form.
- 2 Click on 🗱 to display the 2D barcode for the ISAN/V-ISAN
- 3 Select the EPS format
- 4 Click "OK" to download the barcode image

Client Management My account		ISAN 00	00-0002-BD05	5-0000-Q-0000	-0000-X 🕅
SAN Services Create single ISAN			LES HOMMES	(2011 - 95 min	) 👌
Create serial ISAN	Title information				
Request in-dev ISAN Follow-up in-dev ISAN	Title	l		Language	Original
Search from work info	LES HOMMES			FRE	Yes
Search from ISAN or V-ISAN				FRE	TES
Display pending ISAN	Core information	i Featur		Kind	Live Action
Affixing ISAN	Туре	Fedlur	e Film		
🕘 ISAN - Work Management - N	ozilla Firefox			Name of the public of	
Test.isan.org/template/1.2/go	ToIsanBarcode.do?wor	kId=1297939&popup=true	e		
Download the I	Bar Code				
Download the l	Bar Code	JPEG		to affix the ISAN on va Is. This matrix can resis	
Download the l		JPEG EPS format (black and white)	documents and labe fax transmission Use this data matrix		ious
Download the I		EPS format (black	documents and labe fax transmission Use this data matrix documents and labe vectorial qualities.	Is. This matrix can resis to affix the ISAN on var Is. This matrix retains a to affix the ISAN on CD	ious I the



## 6.3 HOW TO DOWNLOAD ALL EPS BARCODES FOR THE WHOLE REGISTRANT CATALOGUE

- 1 Click on "Affixing ISAN" in the menu.
- 2 Select the EPS format
- 3 Click "OK" to download a zip archive that contains all barcodes for your ISAN catalogue

