



## **Notification of Live Performance (NLMP)**

API Specifications

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Version 2.0  
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## **Table of revisions and main modifications:**

<b>Revision</b>	<b>Date</b>	<b>Main modifications</b>
1.0	2015/01/29	Draft version
1.1	2015/03/11	Added User/Password Update
2.0	2016/03/02	Updated for Version 2.0
2.1	2017/03/10	Minor Updates

## **Summary:**

This document contains the technical description of the NLMP API version 2.0 the format of transactions and records are included.

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# Standards for Notification of Live Performance (NLMP) API Service Requests

## 1 Introduction

### 1.1 Legend

#### Field type (Req):

Req Code	Description
<b>O</b>	Optional
<b>M</b>	Mandatory
<b>C</b>	Conditional

Optional fields are in Normal type font.

Mandatory and Conditional fields are in ***Bold/Italic*** type font.

#### Program (Prg):

Refers to the type of program the conditional information is required or is optional for when a request is submitted.

Prg Code	Description
<b>ALL</b>	All Programs
<b>MF</b>	Music Festival
<b>PC</b>	Popular Music
<b>BC</b>	Performance in Bar/Club
<b>SC</b>	Classical/Serious Music Concerts

#### Data Format (Fmt) Table:

- **Data Format:** The type of data included in this field. Data present in a field that is inconsistent with the rules defined below will cause that record (and potentially the entire transaction) to be rejected. The legend of format type abbreviations is shown in the following table.

Fmt Code	Description	Default Size	Rules
<b>A</b>	Alpha or Alphanumeric	None	Any string containing valid ASCII text. Note that nulls are not acceptable and all alphabetic characters must be in upper case. If there is no data to be entered in an alpha field, blanks must be entered. If there is no data to be entered in an alpha field, it should be left blank.
<b>B</b>	Boolean	1	Field must be equal to <Y>es or <N>o

<b>Fmt Code</b>	<b>Description</b>	<b>Default Size</b>	<b>Rules</b>
<b>E</b>	Email	None	Field must have a format of AAAAA@AAAA.AA
<b>D</b>	Date	10	Dates are all formatted as YYYY/MM/DD.
<b>N</b>	Numeric	None	If there is an implied decimal point, it will be defined in the record layout.
<b>P</b>	Telephone Number		<p>Canadian Performances must have the phone number that can be formatted as</p> <p>(XXX)_XXX_-_XXXXAAAA</p> <p>10 – 14 characters must be provided. First 10 must be numeric.</p> <p>The extension (last 4 characters) are not mandatory.</p> <p>Non Canadian Performance can be in any format.</p>
<b>T</b>	Time or Duration	6	<p>Time/Duration fields are all formatted as</p> <p>hh : mm PM.</p> <p>hh valid values = 1 to 12</p> <p>mm valid values = 00, 15, 30, 45</p> <p>PM valid values = AM, PM</p>
<b>L</b>	List or Table Lookup	None	The valid entries for these fields come from a list in the field description or a table. Note that the values for these tables can be found in the Appendix.

## 2. Web Service Requests

### 2.1 Service

The service will be located at <https://api.socan.ca/api/SubmitNLMP>.

The service is expecting a multi part request that will contain a file, file name, and NLMP data.

The 3 parts will need to be named **file**, **fileName**, and **nlmp**. In addition, an OAuth token is required to be submitted with the request that will identify the submitter.

### 2.2 Sandbox

A test service will also be made available at <https://api.socan.ca/sandbox/SubmitNLMP>. This service is expecting the same type of request.

You will have to use different credentials (API Key, API Secret, Username and Password) to use the service and obtain a token.

### 3. Security

Requests submitted to the NLMP Service will only be accepted from applications that meet the following conditions.

#### 3.1 Identification

To use the service requestors will have to identify themselves through a security key to the API portal. It will have to be added to the request as a parameter. (i.e. <https://api.socan.ca/api/SubmitNLMP?apiKey=<KEY>>)

Users will also have to provide an OAuth token (see section 3.3 OAuth).

#### 3.2 Encryption

All requests sent to SOCAN for processing must be sent as **HTTP Post** request over **SSL** or they will be rejected.

All requests must use at least **TLS 1.2** security protocol or the request will be rejected/blocked.

#### 3.3 OAuth

Requests submitted must include an OAuth token. A token can be obtained by submitting a request to <https://api.socan.ca/auth/oauth/v2/token>

A HTTP post request will be required with the same security requirements as stated above. The request will need to contain the following parameters to obtain a token:

Parameter	Value	Description/Validation
<b>client_id</b>		This is the API key that will be provided by SOCAN or looked up in the developer portal for the NLMP API.
<b>client_secret</b>		API Secret that will be provided by SOCAN or looked up in the developer portal for the NLMP API.
<b>grant_type</b>	password	This value should be set as password.
<b>password</b>		Submitter SOCAN password
<b>username</b>		Submitter SOCAN username

A valid token will be returned or a JSON error message such as:

```
{
  "error": "invalid_client",
```

```
"error_description": "The given client credentials were not valid"  
}
```



## 4. Validation/Processing of Requests

If a secure connection can be established and the submitter verified the request will be processed.

The submitter must have permission to submit the request for the member (MARIE\_NO in the request).

The data received in the request will only be saved and accepted by SOCAN if it meets the following requirements.

### 4.1 Performance Information

#### Request Level Validation

1. A multi part request is expected that will contain a NLMP, File, and File Name. If it does not an error will be produced and the NLMP will not be processed.

Field	Req	Prg	Description/Validation
<i>nlmp</i>	M	ALL	A JSON string, described below.
<i>file</i>	M	Canadian	A file containing the proof the performance took place. This is only mandatory for Canadian performances.
	O	Non Canadian	
<i>fileName</i>	M	Canadian	The name and extension of the file sent in the request. This is only mandatory for Canadian performances.
	O	Non Canadian	

#### NLMP Record Description

The record contains information based on the type of program. It also contains a list of compositions performed at the performance. Conditional fields are mandatory for the indicated Program, or a reason for the condition will be provided.

#### NLMP Processing

1. If a MARIE\_NO (SOCAN Member ID) is valid (7 Numeric Characters) the request will be processed. It will only be saved in the SOCAN database if a Member/Participant exists with the MARIE\_NO provided.
2. If another artist field is not populated it is dropped/ignored. Only fields with data will be processed.

#### Composition Processing

1. Work No's are only accepted if the work no and main title provided match what is in the SOCAN database. If they do, we will save the work no and use the Composers from the SOCAN database. If they don't we will just save the Title and Composers provided.

## NLMP Record Format

Field	Size	Fmt	Req	Prg	Field Description/Validation
<b>MARIE_NO</b>	7	N	M	ALL	Unique SOCAN ID of the member the form was submitted on behalf of.
<b>CANADIAN_PERFORMANCE</b>	2	L	M	ALL	An indicator to show if the concert performance took place in Canada or outside of Canada  (Appendix A)
<b>TYPE_OF_PROGRAM</b>	2	L	M	ALL	The type of concert that was performed  (Appendix B)
<b>ARTIST_NAME</b>	50	A	M	ALL	The name of the artist or group that performed
OTHER_ARTIST_NAME_1	50	A	O	PC, BC	The name of the 1st other artist or group that performed in the same concert
OTHER_ARTIST_NAME_2	50	A	O	PC, BC	The name of the 2nd other artist or group that performed in the same concert
OTHER_ARTIST_NAME_3	50	A	O	PC, BC	The name of the 3rd other artist or group that performed in the same concert
OTHER_ARTIST_NAME_4	50	A	O	PC, BC	The name of the 4th other artist or group that performed in the same concert
OTHER_ARTIST_NAME_5	50	A	O	PC, BC	The name of the 5th other artist or group that performed in the same concert
OTHER_ARTIST_NAME_6	50	A	O	PC, BC	The name of the 6th other artist or group that performed in the same concert
OTHER_ARTIST_NAME_7	50	A	O	PC, BC	The name of the 7th other artist or group that performed in the same concert
OTHER_ARTIST_NAME_8	50	A	O	PC, BC	The name of the 8th other artist or group that performed in the same concert
OTHER_ARTIST_NAME_9	50	A	O	PC, BC	The name of the 9th other artist or group that performed in the same concert
OTHER_ARTIST_NAME_10	50	A	O	PC, BC	The name of the 10th other artist or group that performed in the same concert
<b>TYPE_ACT</b>	2	L	C	PC, BC	An indicator to show the type of act that performed.  (Appendix C)
<b>ACT_OTHER</b>	50	A	C	PC, BC	A text field to allow the user to describe the type of act that performed.  This field needs to be filled out by the user if and only if the type of act selected was "N/A - Please specify"

Field	Size	Fmt	Req	Prg	Field Description/Validation
NUMBER_OF_WORKS	45	N	O	PC	The total number of songs that were performed for the entire concert (including other acts)
TICKET_RANGE	1	B	C	BC	An indicator to show if the ticket price at the bar/club was over \$6.00. If ticket price is under \$6.00 the user should not be able to submit a notification to SOCAN as these concerts are not eligible for royalty distribution.
PROOF_TYPE	20	L	M	ALL	The type of documentation that is being submitted to prove that the performance took place.  (Appendix D)
DATE_OF_PROGRAM	10	D	M	ALL	The date in which the concert was performed, it can't be in the future and must have taken place in the last 18 months  The format of the date must be as followed: YYYY/MM/DD
VENUE	50	A	M	ALL	The name of the establishment where the concert took place
VENUETYPE	3	A	C	ALL	An indicator to show the type of establishment. This field is required on all Non-Canadian forms.  (Appendix G)
VENUECAPACITY	2	A	C	ALL	An indicator which reflects the capacity of the venue.  This field is required on all Non-Canadian forms.  (Appendix H)
STREET1	40	A	M	ALL	Address Line 1 of the venue where the concert was performed
STREET2	40	A	O	ALL	Address Line 2 of the venue where the concert was performed
CITY	30	A	M	ALL	City of the venue where the concert took place
PROVINCE	30	L	M	ALL	Province or State Code of the venue where the concert took place  (Appendix E)
POSTAL_CODE	10	A	C	ALL	Postal or Zip Code of the venue where the concert was performed.  Must be provided when it is a Non Canadian Performance

Field	Size	Fmt	Req	Prg	Field Description/Validation
<b>COUNTRY</b>	50	L	M	ALL	Country Code of the venue where the concert was performed  (Appendix F)
<b>VENUE_PHONE</b>	20	A	C	ALL	Venue Telephone number.  This field is required on all Non-Canadian forms.
<b>VENUE_WEBSITE</b>	200	A	O	ALL	The URL of the venues website
<b>PERFORMANCE_TIME</b>	12	T	M	ALL	The specific time at which the concert started.  hh : mm PM
<b>PROMOTER</b>	50	A	M	ALL	The name of the company promoted the concert
<b>PROMOTER_STREET1</b>	40	A	M	ALL	Address Line 1 of the company who promoted the concert.
<b>PROMOTER_STREET2</b>	40	A	O	ALL	Address Line 2 of the company who promoted the concert
<b>PROMOTER_CITY</b>	30	A	M	ALL	The city of the company who promoted the concert
<b>PROMOTER_PROVINCE</b>	30	L	M	ALL	The province code of the company who promoted the concert  (Appendix E)
<b>PROMOTER_POSTAL_CODE</b>	10	A	O	ALL	The postal or zip code of the company who promoted the concert
<b>PROMOTER_COUNTRY</b>	50	L	M	ALL	The country code of the company who promoted the concert  (Appendix F)
<b>PROMOTER_TELEPHONE</b>	20	P	M	ALL	The telephone number of the company who promoted the concert  Canadian – 10 – 14 Digits (Final 4 can be characters)  Non Canadian – 0 – 20 Characters
<b>PROMOTER_EMAIL</b>	50	E	O	ALL	The email address of the promoter
<b>PROMOTER_CONTACT</b>	50	A	O	ALL	The contact name for the company who promoted the concert
<b>compositions</b>	1- 50		M	ALL	Format is of Composition, listed below. 1 to 50 Compositions can be entered

## COMPOSITION

Field	Size	Fmt	Req	Field Description
<i>ORIGINAL_TITLE</i>	50	A	M	The title of the song performed
<i>COMPOSER</i>	60	A	M	The composer/author of the song that was performed  All composer names entered must be the Surname. Multiple entries must be separated by a "/".
<i>WORK_NO</i>	8	N	O	This is a SOCAN generated unique number assigned to each song.

## 5. Response/Confirmation

### 5.1 Security

#### Response Description

If a secure connection cannot be established, you will receive a HTTP Status Code in response.

### 5.2 Accepted/Success

#### Response Description

If the request is accepted, you will receive a response with a confirmation number.

#### Response Format

Field	Example
Response	ACCEPTED: 9999999 - 0001

### 5.3 Rejected/Error

#### Response Description

If the request is rejected because of an error, you will receive an error in response with a list of the errors.

#### Response Format

Field	Example
Response	ERROR: <0100001> <0200001> <0600001>

## Error Codes

Error Code	Regarding	Error Description
0000001	NLMP	You must include a NLMP

0000002	<b>FILE</b>	You must include a File
0000003	<b>FILENAME</b>	You must include a name with a file extension
0100001	<b>MARIE_NO</b>	Must be provided, it is a mandatory field.
0100002		Must be 7 Characters
0100003		Must be numeric
0200001	<b>CANADIAN_PERFORMANCE</b>	Must be provided, it is a mandatory field.
0200002		Must match a code in Appendix A
0300001	<b>TYPE_OF_PROGRAM</b>	Must be provided, it is a mandatory field.
0300002		Must match a code in Appendix B
0400001	<b>ARTIST_NAME</b>	Must be provided, it is a mandatory field.
0400002		Length must be between 0 - 50 characters.
0500001-N	<b>OTHER_ARTIST_NAME_N</b>	Length must be between 0 - 50 characters.
0600001	<b>PROOF_TYPE</b>	Must be provided, it is a mandatory field.
0600002		Must match a value in Appendix D for the program
0700001	<b>TYPE_ACT</b>	Must be provided for Programs PC and BC
0700002		Must be in Appendix C
0800001	<b>ACT_OTHER</b>	Must be provided when TYPE_ACT is NA
0800002		Must be between 0 - 50 characters
0900001	<b>NUMBER_OF_WORKS</b>	Entered Value must be Numeric
0900002		Entered Value must be between 0 - 10000
1000001	<b>TICKET_RANGE</b>	Must be provided when Program is BC
1000002		Must be a BOOLEAN ('Y' or 'N')
1000003		Canadian Performances must have range above \$6
1200001	<b>DATE_OF_PROGRAM</b>	Must be provided, it is a mandatory field.
1200002		Must be in Date Format – YYYY/MM/DD
1200003		Date can't be in the future.
1200004		Date can't be older then 18 Months.
1300001	<b>VENUE</b>	Must be provided, it is a mandatory field.
1300002		Must be between 0 - 50 characters
1301001	<b>VENUETYPE</b>	Must be provided when performance is Non Canadian
1301002		Must match a code in Appendix G
1302001	<b>VENUECAPACITY</b>	Must be provided when performance is Non Canadian
1302002		Must match a code in Appendix H
1400001	<b>STREET1</b>	Must be provided, it is a mandatory field.

1400002		Must be between 0 - 40 characters
1500001	<b>STREET2</b>	If entered must be between 0 - 40 characters
1600001	<b>CITY</b>	Must be provided, it is a mandatory field.
1600002		Must be between 0 - 30 characters
1700001	<b>PROVINCE/STATE</b>	Must be provided, it is a mandatory field.
1700002		Must match a value or code in Appendix E
1800001	<b>POSTAL_CODE/ZIP CODE</b>	Must be provided if it is a Non Canadian Performance
1800002		Must be between 0 - 10 characters
1900001	<b>COUNTRY</b>	Must be provided, it is a mandatory field.
1900002		Must match a value in Appendix F
1900003		PROVINCE can't be 'Other' when country is 'CANADA'
1900004		PROVINCE can't be 'Other' when country is 'UNITED STATES'
1900005		Must provide a province when the country is 'CANADA'
1900006		Must provide a state when the country is 'UNITED STATES'
1910001	<b>VENUE_PHONE</b>	Must be provided when performance is Non Canadian
1910002		Must be between 0 - 20 characters
1920001	<b>VENUE_WEBSITE</b>	If entered must be between 0 - 200 characters
2000001	<b>PERFORMANCE_TIME</b>	Must be provided, it is a mandatory field.
2000002		Must be in the time format. (hh : mm PM)
2100001	<b>PROMOTER</b>	Must be provided, it is a mandatory field.
2100002		Must be between 0 - 50 characters
2200001	<b>PROMOTER_STREET1</b>	Must be provided, it is a mandatory field.
2200002		Must be between 0 - 40 characters
2300001	<b>PROMOTER_STREET2</b>	If entered must be between 0 - 40 characters
2400001	<b>PROMOTER_CITY</b>	Must be provided, it is a mandatory field.
2400002		Must be between 0 - 30 characters
2500001	<b>PROMOTER_PROVINCE/STATE</b>	Must be provided, it is a mandatory field.
2500002		Must match a value or code in Appendix E
2600001	<b>PROMOTER_POSTAL_CODE/ZIP CODE</b>	Must be between 0 - 10 characters
2700001	<b>PROMOTER_COUNTRY</b>	Must be provided, it is a mandatory field.
2700002		Must match a value in Appendix F
2700003		PROMOTER_PROVINCE can't be 'Other' when PROMOTER_COUNTRY is 'CANADA'



2700004		PROMOTER_PROVINCE can't be 'Other' when PROMOTER_COUNTRY is 'UNITED STATES'
2700005		Must provide a province when the PROMOTER_COUNTRY is 'CANADA'
2700006		Must provide a state when the PROMOTER_COUNTRY is 'UNITED STATES'
2800001	<b>PROMOTER_TELEPHONE</b>	Must be provided, it is a mandatory field.
2800002		Canadian Performance - must be between 10 – 14 digits.
2800003		Non Canadian Performance - must be between 0 - 20 characters.
2900001	<b>PROMOTER_EMAIL</b>	Must be between 0 - 50 characters
2900002		Must be in the email format.
3000001	<b>PROMOTER_CONTACT</b>	Must be between 0 - 50 characters
3100001	<b>COMPOSITIONS</b>	You must enter between 1 - 50 compositions
3200001-N	<b>ORIGINAL_TITLE</b>	Must be provided, it is a mandatory field
3200002-N		Must be between 0 - 50 characters
3300001-N	<b>COMPOSER</b>	Must be between 0 - 60 characters
3500001	<b>COMMENTS</b>	Must be between 0 - 250 characters.
9900001		You must include a valid NLMP JSON string in the request.
9900002		Request could not be saved in DB.
9900003		File could not be processed uploaded/saved.
9900004		Invalid MARIE_NO. Participant does not exist.
9900005		Duplicate submission
9900009		Error - Contact SOCAN
9900010		Error – Access Denied, You do not have correct access to submit request.
9900011		Error – Security Requirements
9900012		Service Currently Unavailable.



## 6. Appendix

### Appendix A: Canadian Performance Type

Performance Type	Value
Canadian	C
Non-Canadian	NC

### Appendix B: Program Type

Program Type	Value
Music Festival	MF
Popular Music Concert	PC
Bar/Club	BC
Serious/Classical	SC

### Appendix C: Act Type

Act Type	Value
Headline Act	HA
Headline No Support	HN
Support Act	SA
Co-Headline	CH
NA	NA

### Appendix D: Proof Type

Proof Type/Value	Value	Allowed Program Type
contract	contract	MF, PC, BC, SC
newspaper	newspaper	MF, PC, BC, SC
ticket stub	ticket stub	MF, PC, BC, SC
program	program	MF, SC

## Appendix E: Province/State

Province/State	Value
Other	O
Alberta	AB
British Columbia	BC
Manitoba	MB
New Brunswick	NB
Newfoundland and Labrador	NL
Northwest Territories	NT
Nova Scotia	NS
Nunavut	NU
Ontario	ON
Prince Edward Island	PE
Québec	QC
Saskatchewan	SK
Yukon Territory	YT
Alabama	AL
Alaska	AK
Arizona	AZ
Arkansas	AR
California	CA
Colorado	CO
Connecticut	CT
Delaware	DE
District of Columbia	DC
Florida	FL
Georgia	GA
Hawaii	HI
Idaho State	ID
Illinois	IL
Indiana	IN
Iowa	IA
Kansas	KS
Kentucky	KY
Louisiana	LA
Maine	ME

Maryland	MD
Massachusetts	MA
Michigan	MI
Minnesota	MN
Mississippi	MS
Missouri	MO
Montana	MT
Nebraska	NE
Nevada	NV
New Hampshire	NH
New Jersey	NJ
New Mexico	NM
New York	NY
North Carolina	NC
North Dakota	ND
Ohio	OH
Oklahoma	OK
Oregon	OR
Pennsylvania	PA
Rhode Island	RI
South Carolina	SC
South Dakota	SD
Tennessee	TN
Texas	TX
Utah	UT
Vermont	VT
Virginia	VA
Washington	WA
West Virginia	WV
Wisconsin	WI
Wyoming	WY

## Appendix F: Country

Country	Value
ARUBA	ABW
AFGHANISTAN	AFG

ANGOLA	AGO
ANGUILLA	AIA
ALBANIA	ALB
ANDORRA	AND
NETHERLANDS ANTILLES	ANT
UNITED ARAB EMIRATES	ARE
ARGENTINA	ARG
ARMENIA	ARM
AMERICAN SAMOA	ASM
ANTARCTICA	ATA
FRENCH SOUTHERN TER.	ATF
ANTIGUA AND BARBUDA	ATG
AUSTRALIA	AUS
AUSTRIA	AUT
AZERBAIJAN	AZE
AZORES	AZO
BURUNDI	BDI
BELGIUM	BEL
BENIN	BEN
BURKINA FASO	BFA
BANGLADESH	BGD
BULGARIA	BGR
BAHRAIN	BHR
BAHAMAS	BHS
BOSNIA-HERZEGOVINA	BIH
BELARUS	BLR
BELIZE	BLZ
BERMUDA	BMU
BOLIVIA	BOL
BRAZIL	BRA
BARBADOS	BRB
BRUNEI DARUSSALAM	BRN
BHUTAN	BTN
BOUVET ISLAND	BVT
BOTSWANA	BWA
CENTRAL AFRICAN REP.	CAF
CANADA	CAN
COCOS (KEELING) ISL.	CCK

SWITZERLAND	CHE
CHILE	CHL
CHINA	CHN
IVORY COAST	CIV
CAMEROON	CMR
CANARY ISLANDS	CNP
DEMOC. REP. OF CONGO	COD
REPUBLIC OF CONGO	COG
COOK ISLANDS	COK
COLOMBIA	COL
COMOROS	COM
CAPE VERDE	CPV
COSTA RICA	CRI
CUBA	CUB
CHRISTMAS ISLAND	CXR
CAYMAN ISLANDS	CYM
CYPRUS	CYP
CZECH REPUBLIC	CZE
GERMANY	DEU
DJIBOUTI	DJI
DOMINICA	DMA
DENMARK	DNK
DOMINICAN REPUBLIC	DOM
ALGERIA	DZA
ECUADOR	ECU
EGYPT	EGY
ERITREA	ERI
WESTERN SAHARA	ESH
SPAIN	ESP
ESTONIA	EST
ETHIOPIA	ETH
FINLAND	FIN
FIJI	FJI
FALKLAND ISLANDS	FLK
FRANCE	FRA
FAROE ISLANDS	FRO
MICRONESIA	FSM
GABON	GAB

UNITED KINGDOM	GBR
GEORGIA	GEO
GHANA	GHA
GIBRALTAR	GIB
GUINEA	GIN
GUADELOUPE	GLP
GAMBIA	GMB
GUINEA-BISSAU	GNB
EQUATORIAL GUINEA	GNQ
GUERNSEY	GNS
ISLE OF MAN	GRB
GREECE	GRC
GRENADA	GRD
GREENLAND	GRL
GUATEMALA	GTM
FRENCH GUIANA	GUF
GUAM	GUM
GUYANA	GUY
HONG KONG	HKG
HEARD/MCDONALD ISLD.	HMD
HONDURAS	HND
CROATIA	HRV
HAITI	HTI
HUNGARY	HUN
INDONESIA	IDN
INDIA	IND
BR.INDIAN OCEAN TER.	IOT
IRELAND	IRL
IRAN	IRN
IRAQ	IRQ
ICELAND	ISL
ISRAEL	ISR
ITALY	ITA
JAMAICA	JAM
JORDAN	JOR
JAPAN	JPN
JERSEY	JRS
KAZAKHSTAN	KAZ

KENYA	KEN
KYRGYZSTAN	KGZ
CAMBODIA	KHM
KIRIBATI	KIR
ST. KITTS AND NEVIS	KNA
REPUBLIC OF KOREA	KOR
KUWAIT	KWT
DEMOCR. REP. OF LAO	LAO
LEBANON	LBN
LIBERIA	LBR
LIBYAN AR.JAMAHIRIYA	LBY
SAINT LUCIA	LCA
LIECHTENSTEIN	LIE
SRI LANKA	LKA
LESOTHO	LSO
LITHUANIA	LTU
LUXEMBOURG	LUX
LATVIA	LVA
MACAO	MAC
MOROCCO	MAR
MONACO	MCO
REPUBLIC OF MOLDOVA	MDA
MADAGASCAR	MDG
MADEIRA ISLANDS	MDR
MALDIVES	MDV
MEXICO	MEX
MARSHALL ISLANDS	MHL
MACEDONIA	MKD
MALI	MLI
MALTA	MLT
MYANMAR	MMR
MONTENEGRO	MNE
MONGOLIA	MNG
NORTHERN MARIANA IL.	MNP
MOZAMBIQUE	MOZ
MAURITANIA	MRT
MONTSERRAT	MSR
MARTINIQUE	MTQ

MAURITIUS	MUS
MALAWI	MWI
MALAYSIA	MYS
MAYOTTE	MYT
NAMIBIA	NAM
NEW CALEDONIA	NCL
NIGER	NER
NORFOLK ISLANDS	NFK
NIGERIA	NGA
NICARAGUA	NIC
NIUE	NIU
NETHERLANDS	NLD
NORWAY	NOR
NEPAL	NPL
NAURU	NRU
NEW ZEALAND	NZL
OMAN	OMN
PAKISTAN	PAK
PANAMA	PAN
PITCAIRN	PCN
PERU	PER
PHILIPPINES	PHL
PALAU	PLW
PAPUA NEW GUINEA	PNG
POLAND	POL
PUERTO RICO	PRI
REP. OF NORTH KOREA	PRK
PORTUGAL	PRT
PARAGUAY	PRY
PALESTINIAN TERR.	PSE
FRENCH POLYNESIA	PYF
QATAR	QAT
REUNION	REU
ROMANIA	ROU
RUSSIAN FEDERATION	RUS
RWANDA	RWA
SAUDI ARABIA	SAU
SUDAN	SDN



SENEGAL	SEN
SINGAPORE	SGP
SOUTH GEORGIA	SGS
SAINT HELENA	SHN
SVALBARD ISLANDS	SJM
SOLOMON ISLANDS	SLB
SIERRA LEONE	SLE
EL SALVADOR	SLV
SAN MARINO	SMR
SOMALIA	SOM
ST. PIERRE & MIQUELON	SPM
SAO TOME & PRINCIPE	STP
SURINAME	SUR
SLOVAKIA	SVK
SLOVENIA	SVN
SWEDEN	SWE
SWAZILAND	SWZ
SEYCHELLES	SYC
SYRIAN ARAB REPUBLIC	SYR
TURKS & CAICOS ILDS.	TCA
CHAD	TCD
TOGO	TGO
THAILAND	THA
TAJIKISTAN	TJK
TOKELAU	TKL
TURKMENISTAN	TKM
TIMOR-LESTE	TMP
TONGA	TON
TRINIDAD AND TOBAGO	TTO
TUNISIA	TUN
TURKEY	TUR
TUVALU	TUV
TAIWAN	TWN
TANZANIA	TZA
UGANDA	UGA
UKRAINE	UKR
US OUTLYING ISLANDS	UMI
URUGUAY	URY

UNITED STATES	USA
UZBEKISTAN	UZB
VATICAN CITY STATE	VAT
ST.VINCENT GRENADINE	VCT
VENEZUELA	VEN
BR. VIRGIN ISLANDS	VGB
U.S. VIRGIN ISLANDS	VIR
VIETNAM	VNM
VANUATU	VUT
WALLIS & FUTUNA ILDS	WLF
SAMOA	WSM
YEMEN	YEM
SERBIA/MONTENEGRO	YUG
SOUTH AFRICA	ZAF
ZAMBIA	ZMB
ZIMBABWE	ZWE

## Appendix G: Venue Type

Venue Type	Value
Club/Bar/Restaurant	CBR
Theatre	THT
Arena/Stadium	AST
Hotel/Casino	HCN
Festival Grounds	FSG
City Part	CTP
Church	CCH
Coffee Shop	CFS
Amusement Park	AMP
Aquarium/Zoo	AQZ
College/University/School	CUS
Convention Center/Exhibit Hall	CEH
Museum	MSM
Shopping Center	SHC
Retail Store	RTS
Other	OTR

## Appendix H: Venue Capacity

Capacity	Value
0 - 250	L1
251 - 500	L2
501 - 1000	L3
1001 - 5000	L4
5001 - 10000	L5
10001 and Above	L6

## Appendix I: Request Examples

### OAuth Token Request Example:

https://api.socan.ca/auth/oauth/v2/token

Method: post

Security Protocol: Tls12

Request Header:

Request Body:

Parameters:

client\_id <CLIENT\_ID>

client\_secret <CLIENT\_SECRET>

grant\_type "password"

password <PASSWORD>

username <USERNAME>

### NLMP API Request Example:

https://api.socan.ca/api/SubmitNLMP?

Method: post

Security Protocol: Tls12

Request Header:

Authorization <token>

Request Body:

Parameters:

apiKey <APIKEY>

Multipart Request:

file <FILEPATH>

fileName <FILENAME>

nlmp <NLMP JSON>