

145 CODED DATA FIELD: MEDIUM OF PERFORMANCE [OBSOLETE]

Field Definition and Scope

This field gives details of the instruments and/or voices, devices and other performers which make up a musical work.

Obsolete. Replaced by 146.

Subfields & Occurrence

Field/Subfield	Field/Subfield Name	Repeatability	Occurrence
145	CODED DATA FIELD: MEDIUM OF PERFORMANCE [OBSOLETE]	-	Obsolete
a	Type of Performance Medium	-	-
b	Instrument/Voice, Conductor, Other Performer or Device	-	-
c	Type of Ensemble	-	-
d	Group within Larger Ensemble	-	-
e	Number of Parts	-	-
f	Number of Players	-	-

Indicators

Indicator	Value	Description
1		Arrangement Indicator
	0	Original composition
	1	Arrangement composition
2		Alternative Medium of Indicator
	#	Not applicable
	1	Alternative medium of performance

Indicators Description

Indicator 1: Arrangement Indicator

This indicator shows whether the field describes the original or the arranged medium of performance.

Indicator 2: Alternative Medium of Indicator

This indicator shows whether the field describes a medium of performance that can be used in place of another occurrence of the field.

Subfields Description

\$a Type of Performance Medium

A one-character code defines the type of performance medium. Not repeatable.

a	vocal a cappella music	EX 15.
b	instrumental music	EX 1-2, 9-10, 16-19.
c	vocal-instrumental music	EX 3, 5-7, 8, 13, 14.
d	electroacoustic music	
e	electroacoustic-mixed music	EX 4, 8, 11-12.
u	undefined, variable	

\$b Instrument/Voice, Conductor, Other Performer or Device

Each repeated \$b subfield contains an eight-character code indicating a voice or instrument category and the total number of real parts for that category. Use the abbreviations listed in Code list A/1-9, A/12-13, maintained by the IAML (International Association of Music Libraries, Archives and Documentation Centres) and available online at <http://www.iaml.info/en/activities/cataloguing/unimarc/medium>. For suffixes use codes from Code List B-C, also maintained by the IAML and available online at the same address. Repeatable.

\$c Type of Ensemble

Each repeated \$c subfield contains an eight-character code indicating one type of vocal/instrumental ensemble and only the total number of that type of ensemble. Use the abbreviations listed in Code list A/10-11. For suffixes use codes reported in Code list B-C. Repeatable. (EX 2-3, 5-9, 14-15, 19).

Subfields \$b and \$c fixed-length data elements:

Name of Data Element	Number of Characters	Character Positions
Number of Instruments or Voices	2 (with leading 0)	0-1
Category of Instrument or Voice	3 (see Code list A)	2-4
Suffix	4 (see Code list B-C)	5-7

\$d Group within Larger Ensemble

Each repeated \$d subfield contains an eight-character code describing one vocal/instrumental ensemble included in a larger ensemble, the number of voices/instruments and the sequential/progressive number of that ensemble. Use the abbreviations listed in Code list A/10-11. For suffixes use codes reported in Code list B-C. Repeatable. (EX 13-15).

Subfield \$d fixed-length data elements:

Name of Data Element	Number of Characters	Character Positions
No. of Real Parts of Ensemble	2 (with leading zero)	0-1
Type of Ensemble	3 (see Code list A)	2-4
Suffix	3 (see Code list B-C)	5-7

If the number in positions 0-1 is not determined use “uu”.

\$e Number of Parts

Each repeated \$e subfield contains a four-character code indicating the total number of real parts indicated in the suffix. For suffixes use codes reported in Code list D. Repeatable. (EX 1-3, 5-16, 21).

\$f Number of Players

Each repeated \$f subfield contains a four-character code indicating the total number of players for the parts indicated in the suffix. For suffixes use codes reported in Code list D. Repeatable. (EX 4, 9, 11, 13-14, 20).

Subfield \$e-f fixed-length data elements:

Name of Data Element	Number of Characters	Character Positions
No. of Instruments or Voices	3 (with leading zero)	0-2
Suffix	1 (see Code list D)	3

Notes on Field Contents

The degree of detail of the field may vary according to the local practice, i.e. all instruments playing in the orchestra may or may not be specified (EX 1, 2, 9, 13). The most common examples of non-detailed indication are percussion instruments in ensemble: sometimes only a close analysis of the score allows specification of all instruments; in such cases the indication will more likely be limited to the number of percussion players (EX 13, 14).

Pertinence of instruments to “families” in code lists is specified by the first character of the three-letter code.

The code “a” in subfield \$b/7 to indicate solo should be used to differentiate a soloist in opposition with an accompanying ensemble, be it a choir, an orchestra or a chamber ensemble ([EX 2-3](#), [5-7](#), [13-14](#), [18-19](#)).

The order of subfields and of repetitions is in principle not relevant, except when \$b/7 or \$c/7 refers to a preceding occurrence of the same subfield, i.e. has the value of “c” or “d”.

Subfield \$d may be used to indicate groups within the main ensemble, such as percussion, choirs, etc., in particular when the cataloguing agency needs to define every instrument or voice taking part in that group ([EX 13](#)).

Subfield \$e indicates the number of real parts defined in position 3.

Subfield \$f indicates the number of players for the voices/instrumental family defined in position 3. It is recommended to limit its use to indicate a number of players different from that of real parts, when this distinction is relevant.

Related Fields

128 CODED DATA FIELD: FORM OF MUSICAL WORK AND KEY OR MODE	Field 146 replaces obsolete subfields 128 \$b and \$c.
146 CODED DATA FIELD: MEDIUM OF PERFORMANCE	Field 146 replaces obsolete field 145.
302 NOTES PERTAINING TO CODED INFORMATION	This note may contain details such as use of different instruments by one performer or pertinence of single instruments to different groups within larger ensembles, etc.
500 PREFERRED TITLE ACCESS POINT	

Examples

EX 1
145 0#\$ab\$b01svl####\$b01kpf####
200 1#\$aSonata for violin and piano in D
In more detail may be defined as follows:
145 0#\$ab\$b01svl####\$b01kpf####\$e001s\$e001k\$e002a
EX 2
145 0#\$ab\$b01wfl###a\$b02svl####\$b01sva####\$b01svc####\$c01ost####\$e001w\$e004s\$e005i
145 1#\$ab\$b01wfl###a\$b01kpf####\$e002i
500 1#\$aConcertos\$rfor flute and strings\$wArr.
A flute concerto arranged for flute and piano; note that flute remains coded as solo also in the arranged version of the field, unlike piano that plays the accompaniment.
In a less detailed way may be coded as follows:
145 0#\$b01wfl###a\$c01ost####
145 1#\$b01wfl###a\$b01kpf####
EX 3
145 0#\$ac\$b02vso###a\$c01oun####\$e002l\$e001o
145 1#\$b02vso###a\$b01kpf####\$e002l\$e001k
200 1#\$aNella Didone Duetto Sei vinto, e pur non sai Del Sig.r Ferdinando Paer Ridotto a due voci e pianoforte
A manuscript of a vocal opera duo arranged for voices and piano. In the first occurrence of field 145 the instruments of the orchestra are not listed because they are not in the cataloguer's hand.
EX 4
145 0#\$b02wfl####\$b02wob####\$b02wcl####\$b04wba####\$b06bho####\$b04btr####\$b04btb####\$b24svl####\$b08sva####\$b08svc####\$b08sdb####\$b01eta####\$c03oie####\$f072a

Luigi Nono's *Per Bastiana Tai-Yang Cheng, L'Oriente è rosso, pour bande magnétique et trois groupes instrumentaux* (instruments in 3 groups, 72 performers). String instruments play in real parts, each one having a different line. Pertinence of every single instrument to each instrumental group is not defined.

If you define in greater detail the pertinence of each instrument to a group and total instruments of every family, the field will be coded as follows:

145 0# \$ae\$b02wfl##1\$b02wcl##1\$b04btr##1\$b08svl##1\$b08sva##1\$b02wba##2\$b06bho##2\$b16svl##2\$b02wob##3\$b02wba##3\$b04btr##3\$b08svc##3\$b08sdb##3\$b01eta###\$d24oie##1\$d24oie##2\$d24oie##3\$e010w\$e014b\$e048s\$e001e\$f072a

EX 5

145 0# \$ac\$b01vso##a\$b01val##a\$b01vte##a\$b01vbs##a\$b01vso###b01val###b01vte###b01vbs###b02woa###b02svl###b01sva###b01mco###c01cmi###c01och###e004l\$e004x\$e002w\$e003s\$e001m\$e006y\$e014a

Johann Sebastian Bach's cantata *Wohl dem, der sich BWV 139* for 4 solo voices, 4-voice choir, 2 oboe d'amore, 2 violins, viola and continuo. Number of instruments by family, total number of instruments and grand total coded only to detail the example in its highest degree.

EX 6

145 0# \$ac\$b02vso##a\$b02val##a\$b02vte##a\$b02vbs##a\$b01vcs##a\$b02vso###b02val###b02vte###b02vbs###b04wfl###b02wrea##b04wob###b04woa##d\$b02woh##d\$b04svl###b02sva###b02svg###b02svc###b02sve###b01kor###b01kor###b01khp##c\$b02mco###c02cmi###c02ofu###e009l\$e008x\$e010w\$e012s\$e002k\$e002m\$e026y

Johann Sebastian Bach's *Matthäuspassion BWV 244* according to the Bärenreiter BA5038 score. As total number of parts is coded and oboists play also oboe d'amore and oboe da caccia, the total number of woodwinds in \$e is 10 instead of 16. A cembalo can be played instead of one organ.

In less detail, this may be coded as follows:

145 0# \$b02vso##a\$b02val##a\$b02vte##a\$b02vbs##a\$b01vcs##a\$c02cmi###c02ofu###

EX 7

145 0# \$ac\$b02vso##a\$b01val##a\$b01vct##a\$b02vte##a\$b02vbr##a\$b01vcs##a\$b01vso###b01val###b01vte###b01vbs###b01vcv###b04wfl###b02wre###b04wob###b04woa##d\$b02woh##d\$b02wba###b04svl###b02sva###b02svg###b02svc###b02sdb###b02kor###b01qco###b01qch###c01cmi###c01cch###c01och###e009l\$e005x\$e012w\$e012s\$e002k\$e002q\$e026y

Johann Sebastian Bach's *Matthäuspassion BWV 244* according to the Archiv Produktion 427648-2 CD recording. Two conductors (choir conductor and orchestral conductor) are recorded. As in [EX 6](#), the number of wind instruments does not match the number of players (oboes, oboe d'amore and oboe da caccia are played by the same 4 players).

EX 8

145 1# \$ae\$b01vun##a\$b02wsaa##b02wsat##b03btr###b03btr###b01kunx##b01kpfx##b01tgue##b01tgue#b01pds###b01ptb###b01pag###b01pcg###c01cun###c01obi##e004w\$e006b\$e002k\$e002t\$e004p\$e001x\$e018y\$e019a

Cacao meraviglioso, a popular song as arranged for big band by Demo Morselli. According to what is written on the score, electronic keyboards are considered keyboard instruments.

EX 9

145 0# \$ab\$b02wfl###b02wob###b02wcl###b02wba###b02bho###b02btr###b01bop###b01pti###b02svl###b01sva###b01svc###b01sdb###c01ofu##e008w\$e005b\$e005s\$e001p\$e019y1451#b01kpfv##e001k\$f002a

Felix Mendelssohn Bartholdy's *Ouverture zu Shakespeare's Sommernachtstraum Op.21* arranged for four hands piano.

With less detail, this may be coded as follows:

145 0# \$c01ofu###

145 1#b01kpfv##
EX 10
145 0#b01wob###b01svl###b01sva###b01svc###e001w\$e003s\$e004i
200 #aQuartetto per oboe e archi
A quartet for oboe and strings.
EX 11
145 0#ae\$b01wflbf#b01eea###e001w\$e001e\$f001a
302 ##\$amico
200 1#sArsis et Thesis, ou La Chanson du souffle\$epour flûte basse en Ut sonorisée\$fMichael Levinas
A piece for amplified bass flute; electronic device is specified in a special note.
EX 12
145 0#b02wfl###e002i
145 01\$ae\$b01wfl###b01eta###e002i
200 1#sVoices\$epour deux flûtes (ou pour flûte et bande magnétique)\$fLaszlo Sary
A piece for two flutes or flute and tape. Each alternative is indexed in a separate instance of the 145 field; indicator 2 specifies the alternative medium.
EX 13
145 0#ac\$b01vwol###b01wpi###b01wflb#d\$b01wsas###b01wsab#d\$b01kpfz###b01ptt1#0\$b01pmd##0\$b01ptl#0\$b01pbd##0\$b01ptel#0\$b03pcr##0\$b01pcy##0\$b01pvi##0\$b01sdb###d02pun##0\$e001l\$e004w\$e001s\$e010p\$e001k\$e016y\$f002w\$f002p\$f001k\$f006a
François Rossé's <i>Cris de cerise</i> ; performers are: Voix grave féminine, flûte (piccolo et basse), saxophone (soprano et basse), piano (avec préparation), percussion (1 tom grave, 1 caisse claire, 1 timbale grave, 1 grosse caisse, 1 temple-block grave, 3 cymbales suspendues, 1 cymbale, 1 vibraphone, 1 archet de contrebasse) [two players], contrebasse. Highest possible coding. Performers playing more than one instrument coded as such; double bass bow is not codified because it is used in place of percussion sticks. Percussions are detailed as a group of two performers and as single instruments pertaining to a subgroup. Instruments and performers are detailed.
The field may be coded with less detail as follows; in this instance percussions are coded in \$b instead of \$d because single percussion instruments are not detailed:
145 0#b01vwol###b01wpi###b01wflb#d\$b01wsas###b01wsab#d\$b01kpfz###b02pun###b01sdb###
EX 14
145 0#ac\$b01vso##a\$b01vms##a\$b01vte##a\$b01vbr##a\$b01vso##1\$b01vso##1\$b01vms##c\$b01vct##1\$b01vte##c\$b01vte##1\$b01vbr##c\$b01vbr##1\$b01vbs##1\$b01vct##c\$b01vso##2\$b01vms##2\$b01val##c\$b01vte##2\$b01vbr##2\$b01vbs##2\$b01tgu##a\$b01svc##a\$b03wfl###b02wob###b02wcl###b01wclb##b\$b02wba###b01wdb###b04bho###b03btr###b03btb###b01btu###b01kpf###b01tha###b01pti##3\$b01pbd##3\$b01pmd##3\$b01ptr##3\$b01pboh#3\$b01ptt##3\$b01pbl##4\$b01pcw##4\$b01pab##4\$b01ptl##4\$b01pcth#4\$b01pji##4\$b01mwh##4\$b01pbpp#4\$b01pbpg#4\$b01phh##4\$b01pcrl#4\$b02pgol#4\$b01pgl##5\$b01pxy##5\$b01pvi##5\$b01pwh##5\$b01pgu##5\$b01pwo##5\$b01pcv##5\$b01pmcl#5\$c01owi###d06cve##1\$d05cmi##2\$d01pun##3\$d01pun##3\$d01pun##4\$d01pun##5\$e010l\$e005x\$e002j\$e011w\$e011b\$e001k\$e001t\$e025p\$e049y\$e015v\$e051i\$f010l\$f002j\$f003p\$f005p\$f027y\$f048x
Sylvano Bussotti's <i>The Rara requiem</i> for four voices, ensemble of six vocal soloists, 5-voice choir (48 singers), solo guitar and cello, wind orchestra, piano, harp and percussions (3 or 5 players). Following the indications of the score, each smaller group in the ensemble is defined; the three percussion players are defined as three separate groups; total number of choir singers and alternative solo voices are specified. Prescribed percussion players may be 3 or 5.

EX 15
145 0#\$aa\$b01vso##1\$b01val##1\$b01vte##1\$b01vbs##1\$b02vte##2\$b01vbs##2\$b03vcv##3\$c03cun###\$d04cmi##1\$d03cme##2\$d03cch##3\$e010x
A piece for three choirs: choir 1 for soprano, alto, tenor, bass; choir 2 for two tenors and bass, choir three for three boys voices. All voices and groups are defined.
EX 16
145 0#\$ab\$b01wfl###\$b01svl##c\$b01wob##c\$b01mco###\$e002i
A piece for flute or violin or oboe and continuo.
EX 17
(converted from former field 128- EX 1)
128 ##\$afg#
145 0#\$ab\$b03tgu###
200 1#\$aFour fugues for guitar trio
EX 18
(converted from former field 128- EX 2)
128 ##\$avr#
145 0#\$ab\$b01kpf###
145 0#\$ab\$b01kpf###\$b01svl##a\$b01svc##a
145 0#\$ab\$b01kpf###\$b01svl##a\$b01sva##a\$b01svc##a
200 1#\$aVariations for solo piano, piano trio and piano quartet
In field 128, EX2 violin, viola and cello are coded as solo instruments.
EX 19
(converted from former field 128- EX 3)
128 ##\$aco#\$ddm
145 0#\$ab\$b02wfl##a\$c01ost###
200 1#\$aConcerto for two flutes & string orchestra in D minor
In the former field 128 EX 3 , the agency considered it unnecessary to state that there is only one orchestra; converting the example, the number 01 in 145 \$c has been added by default.
EX 20
145 0#\$ab\$b01wrea##\$b01svl##c\$b01mco###\$b01svc###\$b01kun###\$f003i
Jean-Baptiste Loeillet de Gant's Sonaten op. 4, n° 4-6, für Altblockflöte oder Violine und Basso continuo (Heinrichshofen's Verlag). Continuo realized for unspecified keyboard, cello part added, thus total performers coded as 3.
EX 21
145 0#\$b01kpf###\$b02svl###\$b01sva###\$b01svc###\$b01muib##\$b02wfl##b\$b02bho##b\$e006i\$e010i
200 1#\$aVariations pour le pianoforte avec accomp.t de deux violons, viola, violoncelle et basse (deux flûtes et cors ad libitum) op.97\$fj.N. Hummel
Subfield \$e repeated to match the use or not of ad libitum instruments.

History

2005	New field.
2012	Obsolete field.
2024	Update section Related Fields.

CODE LISTS

Code lists are maintained and updated by IAML (International Association of Music Libraries, Archives and Documentation Centres) and available online at the following address:

<http://www.iaml.info/en/activities/cataloguing/unimarc/medium>.

The lists show a definition term and several other terms using the same code, without distinction between:

- similar instruments, voices or devices having the same code;
- definition in other language(s);
- orthographical variants.

Instruments needing a suffix are shown only when they have a specific name in any language.

Chronological, organological or language specifications are added in brackets if strictly necessary. The pitch of the instruments is specified when necessary (e.g.: A, Bb, F).

A Codes for fields 145 subfields \$b-\$d, positions 2-4

1. Voices
2. Woodwinds
3. Brass instruments
4. Strings, bowed
5. Strings, plucked
6. Keyboard
7. Percussion
8. Electric / electronic instruments and devices
9. Miscellaneous, other, unspecified instruments
10. Choruses:
11. Orchestras, ensembles
12. Conductors
13. Other performers

1. Voices		
Code	Definition	Notes Other definitions, language terms, variants
val	alto	alt altus contralto
vbr	baritone	bariton baritono baryton
vbs	bass	bajo bas basse basso bassus
vca	child alto	alto enfant boy alto contralto voce bianca knabenalt
vcl	contratenor altus	contra altus
vcs	child soprano	boy soprano knabensopran soprano enfant soprano voce bianca
vct	countertenor	contra contratenor controtenore haute-contre

vcv	child voice	boy singer boy's voice knabenstimme voce bianca voce di fanciullo voce infantile voix enfantine
vma	man's voice	voce maschile voix d'homme
vms	mezzosoprano	mezzo (En.) mezzo-soprano
vrc	reciting child's voice	voce bianca recitante voix parlée enfant
vre	reciting voice	Narrator récitant recitante sprechrolle storico testo text voce recitante
vrn	reciting man's voice	voce recitante uomo voix parlée homme
vrw	reciting woman's voice	voce recitante donna voix parlée femme
vso	soprano	cantus descant dessus discanto discantus diskant sopran superius tiple treble
vte	tenor	tenore
vun	voice – unspecified	canto chant (Fr.) part parte partie stimme voce voix vox voz
vvg	vagans	
vwo	woman's voice	voce femminile voix de femme
vzz	voice – other	
	high voice	<i>use suffix: vnh</i> hohe stimme voce acuta voix haute

	medium voice	<i>use suffix: vunm</i> voce media voix moyenne
	low voice	<i>use suffix: vunl</i> tiefe stimme voce grave voix grave
	recorded voice	<i>use suffix: vunk</i> voce registrata voix enregistrée
	voice – ethnic	use suffix: vuny

2. Woodwinds		
Code	Definition	Notes
		Other definitions, language terms, variants
wau	aulos	diaulos doppio aulos tibia
wba	bassoon	bajon basson bassono choristfagott fagot fagott fagotto
wbh	basset-horn	basset-horn bassetthorn cor de basset corno di bassetto
wbn	bassanello	
wbp	bagpipe	biniou (Fr.) bladder pipe blaterpfife bock cornamusa cornemuse dudelsack gaita piva piva a vescica platerpfife platerspiel sackpfife vesica vèze zampogna (with bag) zampoña
wch	chalumeau	calimiau chalemiau chalimo chalimou chalumeau mock trumpet salmò salmoè

		schalamaux schalumò shalamo
wcl	clarinet	clarinete clarinette clarinetto klarinette
wcm	ciaramella	calandrone cennamella cornamusina dulzaina oboe degli abruzzi zampogna (without bag)
wcr	cromorne	cornamuto torto cromorno crumhorn krumb horn krumhorn orlo (Sp.) pfiffenhorn piva torta storto sumberhorn tournebout
wdb	double bassoon	bassono grosso contrabajon contrabassoon contrafagote contrebasson controfagotto fagottone kontrafagott
wdp	doppione	
wdu	dulcian	corthol curtaile curtal curtal curthol curtoll dolçaine dolcesuono dolcian dolciana dolciano dolzana dolzian dolzone double curtaile dulciana dulcion dulzian kortholt (En.)
wdv	dvojnice	dvoynice dvoynice
weh	English horn	cor anglais corno inglese

		englisches horn englischhorn taille de hautbois d'amour
wfa	flauto d'amore	flûte d'amour
wfg	flageolet	akkordflöte chord flute ciufolo flageolett flageoletto
wfi	fife	feldpfeife fiffaro fifre pifano piffaro piffero querpfeife
wfl	flute	concert flute cross flute fiauto flauta flauto flauto alemano flauto traverso flöte fluta flûte flûte allemande flûte d'Allemagne flûte traversière flutta german flute grosse flöte querflöte schweizerpfeife schweizerpfeife transverse flute traversa traverse flute traversflöte traversiere traversière traversiero traverso zwerchpfeiff
wga	tabor pipe	chirula flabiol flautilla flaviol flûte à trois trous flutet fluviol galoubet holefloyte holler holre pipe

		schwegel tämmerlinpfeife tammaringpfeife tammerinpfeife tämmerlinpfeife txistu
wge	gemshorn	cor de chamois corno di camoscio
whp	pibgorn	hornpipe pibcorn pibgorn
wmo	mouth organ	organo a bocca orgue à bouche
wmu	musette	
wna	ney	nay
woa	oboe d'amore	hautbois d'amour
wob	oboe	french hautboy hautbois haut-bois hautboy hoboe
woh	oboe da caccia	jagd-hautboy wald hautbois
wpi	piccolo	flautín flauto piccolo kleine flöte oktavflöte ottavino petite flûte pickelflöte pikkoloflöte
wpo	pommer	bombard bombarda bombarde bombardo bombardone (before the 18th cent.) bombart bomhart calamello chalemelle chalemie chalmeye chirimia cialamella cialamello pumhart rauschpfeife rausspfeife russ pfeife schalmei schalmey shalme shalmie shalmuse shawm

wpp	panpipes	ciufolo fistola flauta de pan flauto di pan flauto pastorale flauto policalamo flûte de pan flûte pastorelle pandean pipes panflöte panpfeife siringa syrinx
wra	racket	cervelas cervelat cervellato cornaldo cortaldi cortale cortalli faustfagott rackett rackettfagott racquette ragett ragget rankett rogett stockfagott tartöld tartölt wurstfagott
wre	recorder	blockflöte common flute english flute flauste (Fr.) flaute (Fr.) flauto a becco flauto diritto flauto dolce flauto dritto flûte à bec flûte à neuf trous flûte d'angleterre langsflöte schnabelflöte zartflöte
wro	rothophone	
wsa	saxophone	alto-fagotto sassofono sax saxofon saxofono saxophon
wsh	shakuhachi	Shakuhachi

wsr	sarruso-phone	contrabbasso ad ancia contrabbasso da ancia contrebasse-à-anche flarmonicasarrusofono tritonikon universal-kontrabass
wsu	sordun	courtaut kortholtsordone souridine (before the 17th cent.)
wvu	voce umana	
wun	woodwind – unspecified	holzbläser instruments à vent en bois legni strumentini
wzz	woodwind – other	
	woodwind – ethnic	use suffix: wuny
	bass clarinet	<i>use suffix: wclb</i> basse-guerrière basse-orgue clarone
	batyphone	use suffix: wcla bathyphone
	piccolo clarinet	<i>use suffix: wclb</i> clarinetto in Lab clarinetto in Mib quartino
	flautino	use suffix: wflh
	bass flute	<i>use suffix: wflb</i> albisifono albisiphon flauto albisi flauto basso (C) flautone
	heckelphone	use suffix: wobr
	tenor oboe	<i>use suffix: wobt</i> haute-contre de hautbois taille de hautbois
	tenora (Sp.)	use suffix: wpot tiple (Sp.)
	tenoroon	<i>use suffix: wbah</i> basson quinte caledonica fagottino fagotti-octavo fagotti-quarto quintfagott tenorfagott

3. Brass instruments

Code	Definition	Notes
		Other definitions, language terms, variants
bah	Alphorn	alpenhorn cor des alpes corno delle alpi stockbüchel

bbb	bombardino	flicorno baritono (Bb) saxhorn baryton (Bb, Fr.) saxtromba baryton (Bb, Fr.)
bbd	bombardon	basse impériale (F, Eb) basso in Fa basso in Mib basstromba (Ger.) bombardone (19th-20th cent.) flicorno basso-grave (F, Eb) helicon contrabbasso (F, Eb) kaiserbass (F, Eb) sousaphone basso (Eb)
bbh	bersag horn	Biucolo tromba da fanfara tromba dei bersaglieri
bbu	bugle	bugle baryton (Bb, Fr.) bugle horn bugleret clairon cor buglèr cor bugleret corno segnale signalhorn
bca	carnyx	Karnyx Lituus
bcb	cimbasso	trombone verdi
bch	cow horn	corno di toro stierhorn
bcl	clarion	Clarien clarin (Ger.) clarín (Sp.) clarino (Ger.) clarino (It.)
bco	cornet	cornet à piston corneta (19th-20th cent.) cornetín cornetta cornetta a piston cornetto (It., 19th-20th cent.) echo cornet kornett ventilkornett
bct	cornett	cornaboux cornet à bouquin corneta (18th cent. and after) cornettino (17th cent. and after) cornetto (17th cent. and after) cornetto muto zink
bcu	cornu	
bdx	duplex	Bb-C-clairon bombardino-trombone dublophone eufonio-trombone flicorno-cornetta gemelli

		genis-tromba highamphone lyrophone tuba-tromba bassa
beu	euphonium	baritone (Fr.) barítono (Sp.) baroxyton baryton (Ger.) baryton en Sib barytonhorn baryton-tuba (Bb, Ger.) basse à pistons basse en Sib (Fr.) basse impériale (C, Bb) bassflügelhorn bombardarda a quattro pistonì bombardino (Sp.) elicon (Bb) eufonio euphonikon euphonion flicorno basso helicon (Bb) hellhorn kaiserbaryton kaiserbass (C, Bb) phonikon tenor tuba tenorbass (Ger.) tenorbasshorn tuba in Sib (19th cent.)
bhh	hunting horn If referred to orchestral horn code bho = horn	cor de chasse (Fr.) corneta de monte (Sp.) corno da caccia (It.) cuerno de caza (Sp.) jagdhorn (Ger.) jägerhorn tromba da caccia (It., 18th cent.) trompa de caza trompe de chasse
bho	horn	ballad horn chromatic horn cor cor – solo cor à piston cor d'harmonie cor simple corno corno a macchina corno da tirarsi corno francese corno naturale french horn heerhorn herhorn hiefhorn

		hifhorn horn huchet inventionshorn jäger trommet konzerthorn okyavhorn primhorn trompa (Sp.) trompe (Fr.) ventilhorn waldhorn wic-horn
bht	herald's trumpet	bousine buisine busen busine buysine buzine chiarina fanfaren-trompete herolds-trompete tromba d'araldo tromba diritta tromba duttile (19th cent.) tromba lunga
bkb	keyed bugle	amorschall bugle à clefs cor à clefs cornetta a chiavi corno a chiavi kent bugle key bugle klappenflügel-horn klappenhorn royal kent bugle taille d'amour trompette à clefs
blu	lur	
bol	oliphant	buccina (medieval) bucina (antique) cor d'olifant olifante
bop	ophicleide	basse à clefs basse d'harmonie basso d'armonia contrebasse d'harmonie figle harmonie-kontrabass oficleide ofleide omniton ophikleide serpentcleide tuba-dupré

bph	post horn	clarion (16. cent. and after) cornet de poste cornetta da postiglione corno di posta posthorn
brh	russian horn	cor russe corno russo
bse	serpent	basse-cor basse-trompette basseuphonium bass-euphonium bass-horn basshorn (Ger.) basson russe basson serpent chromatic bass-horn chromatisches basshorn corno basso corno di basso english bass-horn fagotto russo fagotto serpente hibernicon ofibaritono ophibariton ophibaterion ophimonocleide russian bassoon russisches basshorn russisches fagott schlangenhorn serpan serpent d'église serpent droit serpent militaire serpent-bassoon serpente serponton serpentone
bsh	shofar	chofar ram's horn s`ofar schofar shofar hajovel
bsx	salpinx	
bta	tuba (antique)	
btb	trombone	bassaune bimbonifono buccin trombone posaune sacabuche sacbuto sackbut sacqueboute saicqueboute saqueboute

		seykebuds shagbolt shagbutt shakbushe slide trombone tromba contralta in Fa trombón trombone a tiro trombone da tracolla trompette saqueboute zugposune
btr	trumpet	chromatic trumpet clarino (Ger., 16th-18th cent.) echo trumpet inventionstrompete stopftrompete tromba tromba a coulisse tromba da tirare tromba dell'aida tromba diritta (19th-20th cent.) trombeta trompeta trompete trompette valved trumpet
btu	tuba	
bvb	valved bugle	armeeposaune bügelhorn bugle à piston cornett (Ger., 19th-20th cent.) fiscorno flicorno fliscorno saxcorno saxhorn saxhorno saxtromba sudrophone
bwt	Wagner tuba	
bun	brass – unspecified	blechbläser brass instruments cuivres ottoni
bzz	brass – other	
	brass – ethnic	use suffix: buny
	contrabass ophicleide	<i>use suffix: bopc</i> kontrastbombardon oficleide-monstre
	bass trombone	<i>use suffix: btbb</i> quartposaune quintposaune
	contrabass trombone	<i>use suffix: btbc</i> doppelposaune oktavposaune

	high trumpet	use suffix: btrh clarintrompete
	bass tuba	<i>use suffix: btub</i> basso tuba (Bb) basstuba tuba (19th-20th cent.) tuba in Sib (20th cent.)
	contrabass tuba	use suffix: btuc BBb bass
	alt cornett	<i>use suffix: bvba</i> althorn (Ger.) alto en Mib (Fr.) baryton aigu bugle alto (Fr.) clavicor (Eb) clavicorno (Eb) elicon (Eb) genis genis corno helicon (Eb) mellophone tenor cor ténor en Mib (Fr.) tenor horn tenor-tube (Eb, Ger.) tuba alto (Eb, D, Ger.)
	pellittone	<i>use suffix: bvbc</i> pellittone sousaphone contrabbasso (Bb) basso in Sib elicon contrabbasso (Bb) helicon contrabbasso (Bb)
	pistonino	<i>use suffix: bvbn</i> bugle soprano en Mib (Fr.) cornett piccolo (Eb, D, ger.) cornettino in Mib flicornino petit bugle (Eb) piston pistoncino
	oktav kornett (Bb)	<i>use suffix: bvbp</i> petit saxhorn suraigu piccolo cornett (Ab, Bb)
	sopran cornett	<i>use suffix: bvbs</i> bugle (Fr.) flicorno (in band scores) flugelhorn flügelhorn
	Bb baritone	use suffix: bvbt baritone (En.) bugle ténor (Bb, Fr.) clavicor (Bb) clavicorno (Bb) embolicleave saxhorn ténor (Bb, Fr.)

		tenorhorn (Ger.) tuba tenore
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4. Strings, bowed		
Code	Definition	Notes Other definitions, language terms, variants
sar	arpeggione	bogengitarre bowed guitar chitarra ad arco guitar violoncello guitare d'amour gitarre-violoncell streichgitarre
sba	Baryton	bardone viola di bardone viola di bordone viola paradon
sbt	Bassett	bassel basset bassete bassetl (Austr.) bassetto bassl basso da camera bierbass halbass kammerbass
sbu	Bumbass	basse à boyau basse de flandre bladder and string bumbasz guimbarde à corde
scr	crwth	chrota chrotta crot crott crotta croud crouth crouthe crowd cruit crwthau rhota rota rote rotta rotte
sdb	double bass	basse des italiens basse-contre contrabajo contrabass contrabbasso contraviolon contrebasse

		kontrabass string bass
sfi	fiddle, viol (family)	fedil fedylle fele ffythele fidella fidula fiedel fiele (En.) phidil vialla videl vidula vièle viella vielle vigel vihuela de arco vithele vitula viula (Provenç.)
sgu	Gusle	
sli	lira da braccio	lira (to the 18th cent.) lira ad arco lira da spalla
sln	lirone	accordo arceviolyra arciviola di lira arciviolata lira arciviolatalira lira (to the 18th cent.) lira ad arco lira da gamba lira doppia lira grande lirone perfetto lyra lyra perfecta lyre lyrone
sny	keyed fiddle	kontrabassharpa löckelje nyckelfiol nyckelgiga nyckelharpa schlüsselfidel silverbasharpa viella a tasti
sob	octobass	basse gigantesque octobasse
spo	Kit	canino kytte linterculus poche pochette

		pochetto posch sordina sordino sourdine (17th-18th cent.) tanzmeistergeige taschengeige
spv	quinton	pardessus de viole quintone
sre	Rebec	giga gigue rabé (Sp.) rabec rabecq rabel rebebe rebeca rebecca rebeck rebecke rebecq rebecquet rebecum rebekke rebelle rebequin reberbe rebesbe ribeca ribecca ribibe ribible robecq rubeba rubebe rubella rybybe
stm	trumpet marine	tromba marina trombeta marina trompetengeige trompette marine trumscheit violitromba
sva	viola	alto alto viola altopiano bratsche taille (Fr.) tenor (En.) tenor viola tenor violin (En.) tenorgeige viola da braccio viole (Fr., Ger.) violet violetta

svc	cello	bas de violon bas viol de braccio bass violin basse de violon bass-geige violoncel violoncell violoncelle violoncello violoncino
svd	viola d'amore	arnolo english violet liebesgeige viole d'amour violetta marina
sve	violone	violon (Ger.)
svg	viola da gamba	division viol gamba gambe lyra bastarda lyra viol viol viola bastarda viola de gamba viole de gambe
svl	violin	geige soprano di viola da braccio violine violino violon (Fr.) violono (Fr.)
svp	viola pomposa	pomposa violino pomposo
sun	string – unspecified	archets archi cordes instruments à archet streicher
szz	string – other	
	string – ethnic	use suffix: suny
	basse de viole	use suffix: svgb
	quartegeige	use suffix: svlh

5. Strings, plucked

Code	Definition	Notes Other definitions, language terms, Variants
tal	Archlute	angel lute angelica angelika angélique archilaud archiluth arcileuto arciliuto

		basslaute liuto attiorbato
tat	harp-psaltery	ala (medieval) arpa-citara arpaneta arpanetta arpanette flügel (medieval) harfenett harpanetta psaltery-harp spitzharfe
tbb	barbitos	Barbiton lira (antique)
tbi	biwa	
tbj	banjo	Bangio banjar banjer banjo zither banjolin banza cavaquinho ramkie strum-strum zither banjo
tbl	balalaika	balalajka
tbo	bouzouki	buzuk
tch	chitarrone	citarone erzlaute guitarron
tci	cittern	archcittern archicetra archicistre arcicetera arcicetra bandola bandoura bandurria (Sp., Am.) bass cister bijuga cither cedra cetera (16th cent. and after) cetra (16th cent. and after) chitarra inglese chitarra portuguese chitarra tedesca cister (16th cent. and after) cistra cistre citarino cithara cither cithern cithre cithren citrinchen

		citter citterlein cittharn cythar cytharino deutsche gitarre english guitar erzcister guitare allemande guitare angloise guitarra portuguesa mandora (18th cent. and after) mandurria sister sistre terzina zither (to the 18th cent.) zitrinchen zitter zitterlein
tcs	colascione	calchedon calichon colachon colascioncino colasciontino colocion galizona gallichone gallishon
tct	citole	cetera (to the 15th cent.) cetra (to the 15th cent.) cetula cistola citola zitôl (Ger.) zitole
tcz	cobza	
tgu	guitar	akkordgitarre bordelletto charango chitarra chitarra battente chitarra francese chitarra spagnola chitarriglia chitarrino chiterna gitarre gittern guitare guitare capucine guitare en bateau guitarra guitarre guitarrico guitarrillo

		guitarro guittern klange terzguitarre
tha	harp	arpa arpa a nottolini arpa a uncini arpa cromatica arpa doppia harfe harpe lira barberina lyra barberina
thg	hawaiian guitar	chitarra hawaiana guitare hawaïenne hawaiische gitarre steel guitar
tkh	kithara	cithara (antique)
tko	kora	arpa-liuto
tlf	lute (family)	liuto (famiglia) luth (famille)
tlg	lyre-guitar	anakreontische leier apollo guitar lira (19th-20th cent.) lira chitarra lyra (19th-20th cent.) lyra guitar lyre (19th-20th cent.) lyre anacréontique lyre-guitarre
tlu	lute	laúd laut laute lauto leuto liuto luit luth
tma	mandolin	bandolin banjolin liuto romano mandolina mandoline mandolino
tmd	mandore	bandora bandürichen mandoër mandoire mandola mandolino lombardo mandolino milanese mandolle mandora (to the 17th cent.) mandorina mandura mandürichen

		orpharion pandora pandurina penorcon vandola
tps	psaltery (plucked)	gusli (Rus.) kantele nebel psalter psaltérion (Fr.) psalterium saltari saltere salterio sautere sautier sautieron
tpx	phorminx	
tqa	qanum	
tth	theorbo	theorb théorbe theorbo lute tiorba tiorbino tuorba tuorbe
ttn	tanbur	tanburica
tud	‘ud	ud
tuk	ukulele	
tvi	vihuela	biguela cuatro vihuela de mano viola da mano
tzi	zither	accord zither akkordzither alpine zither appalachian dulcimer autoharp banjo harp bell harp bowed zither box zither bûche (Fr.) cetra da tavolo chord zither cithare elegiezither epinette des vosges fairy bells hexenscheit hommel humle hummel langeleik langspil scheitholt

		schwungzither zither (19th-20th cent.) zither harp
tun	plucked – unspecified	pizzicati pincés
tzz	plucked – other	
	plucked – ethnic	use suffix: tuny
	electric bass guitar	<i>use suffix: tgu</i> basso elettrico fender bass guitare électrique basse

6. Keyboard		
Code	Definition	Notes
		Other definitions, language terms, variants
kab	archicembalo	arcicembalo cembalo enarmonico cembalo omnicordo clavecin parfait accord clavemusicum omnitonum clavicymbalum universale enharmonic harpsichord pentecontachordon proteus sambuca lincea
kac	accordion	accordéon accordio acordeon aeola armonica a manticino concertina fisa fisarmonica handharmonika harmonieflûte harmoniflûte klavier-harmonika konzertina organetto (19th-20th cent.) physharmonika ziehharmonika
kba	bandoneon	bandonéon
kca	carillon (with keyboard)	beiaard campanelli campanette cariglione carillon di campane jeu de timbres klokkenspel timbres
kce	celesta	adiaphone célesta (Fr.) celeste (En.) céleste (Fr.) clavi-lame

kch	chordette	
kcl	clavichord	clavichorde clavichordium clavicorde clavicordio clavicordo cravo klavichord manicorde manicordio manicordion manicordo monacordio monacordo sordino (with keyboard)
kco	claviorgan	clavecin organisé claviorgano epinette organisée organ-harpsichord organo-piano orgelklavier orgelklavizimbel piano-melodium
kcy	clavicytherium	arpa a cembalo arpone cembalo verticale clavecin vertical claviciterio claviciterium clavicyterium klaviziterium
kfp	fortepiano	cembalo a martelli (18th-early 19th cent.) cembalo pianoforte fortepiano hammerflügel hammerklavier piano forte (Fr.)
kgf	glockenspiel (with keyboard)	
kfm	harmonium	aeoline aeolodion aeolsklavier aerophon akkordeon american organ amerikanisches organ äolsklavier armonio cabinet organ eoline harmonicorde harmonio lap organ melodeon melofono melophone orchestrion (18th – early 19th cent.)

		organophone organo-violine orgue américain orgue expressif physharmonika (Austr.) piano-chanteur poikilorgue reed organ séraphine
khp	harpsichord	cembalo cembalo a penna cimbalo clavecin clavecin brisé clavessin clavi simbalum clavicembalo clavicimbalum clavicymbalum flügel (16. cent. and after) gravicembalo kielflügel klavier (to mid-18th cent.) klavizymbel
kmp	melopiano	armonipiano piano trémolophone
kor	organ	ninfale organetto (10th-19th cent.) organino organo organum orgel orglet orgue orgues portativo positivo
kpf	piano	aliquot piano apolliricon apollonion apollonium cabinet piano cottage piano ditanaklasis klavier luthéal lyraflügel pforte pianino piano cottage piano cycloide piano droit piano elliptique piano-console pianoforte piano-forte

		pianoforte piramidale piano-giraffa piano-luthéal square piano upright pianoforte
kps	plucked string keyboard	clavier cordes pincées tastiera a corde pizzicate
kre	regals	regal regale régale regallo
ksi	sirenion	piano clédi-harmonique piano eutophone piano harmonicorde piano-doucine
ksp	sostenente piano	bogenflügel bogenklavier cembalo ad arco cembalo da arco clavecin à archet clavicembalo ad arco geigenwerck geigenwerk harmonichord piano à archet piano quatuor piano-violon sostinente piano streichklavier
kst	spinet	arpicordo bentside spinet cembalo traverso épinette espinetta oktavspinett querflügel spinett spinetta spinetтина spinettone
kvg	virginal	double virginal virginale virginalls virginals
kun	keyboard – unspecified	clavier instrument à clavier strumento da tast keyboard keyboard instrument klavierinstrument strumento a tastiera strumento da tast tasteninstrument tastiera
kxx	keyboard – other	
	keyboard – ethnic	use suffix: kuny

	electronic organ	<i>use suffix: korx</i> casiotone electone electrone hammond organ organo bontempi organo hammond
	electric piano	<i>use suffix: kpf</i> electone neo-bechstein-flügel piano électrique piano elettrico pianoforte elettrico pianotron

7. Percussion		
Code	Definition	Notes
		Other definitions, language terms, variants
pab	aeolian bells	aeolsglocken baguettes de verre campanelle a vento campanelle cinesi a vento chinese wind chimes chinesischer messingpendelrassel cloches de coquille cloches de verre clochette à vent clochette chinoise à vent clochettes éoliennes clochettes suspendues glass chimes glass glocken glass wind chimes glasstäbchen glaswindglocken lastrine a vento di vetro mark-tree metallpendelrassel pearly chimes plaquettes de verre shell chimes shell wind chimes türgelaüt wind chimes wind-chimes wood chimes
pad	arabian drum	arabische trommel darabucca darabuka darabukka darabukke darbouka darbuka darbukat derabukka

		derbouka derbuka dombek dumbeg-drum tabourka tambour arabe tamburo arabo tarabonka tarabuka tarbourka tunbuk
pag	agogo	agogó agogò ekòn ogàn
pan	anvil	amboss ambosse bigornia enclume incudine yunke yunque
pbb	boobams	bamboostrommel boo-bams
pbd	bass drum	big drum bombo (Sp.) cassa cassa grande catuba einfellige grosse trommel gong bass drum gong drum gran cassa gran tamburo grancassa grancassa gong grand tambour grosse caisse grosse trommel mammoth rollo tambor grande tamburo grande tamburo turco tonnant turkish drum
pbe	tambourin de Béarn	altobasso tambourin à cordes tamburina (Basque) tountouna trombe (Fr., 17th-18th cent.)
pbl	bells	bell chime campana campane campane tubolari chimes

		cloche cloches tubes glocke röhrenglocken röhrenglockenspiel röhrenspiel tubular bells tubular chimes
pbo	bongos	bongo drums bongoes
pbp	metal bells plate	campane a lastra campane a placca cloches à plaque cloches en lame de métal cloches-plaques metalplatten plate bells plattenglocken stahlplatten
pbr	bronte	Bronté
pca	castanets	castagnette castagnettes castagnetti castagnole castañetas castañuelas castanyoles clappern cliquettes kastagnetten nacchere
pcb	cabaca	Afoche afoxe afuche afuche cabaza cabasa cabaza calebasse caqueré casabia kurbisrassel xaqué
pcc	chinese cymbals	cymbales chinoises pang cymbals piatto cinese ping cymbals swish cymbals
pcg	conga	atabaque (Brazilian) congas tambor (Cuban) tambora (Cuban) tumba tumbadora
pch	chains	catene chaînes

		ketten kettenrassel
pci	cimbalom	brettl cymbalum dolcema dolcemela dolcimela doucemelle doulcemelle dowcememere dulce melos dulçema dulcet dulcette dulcimer dulcimor hachbratt hackbrett kymbalon pantaleon psaltari (struck) psalter (struck) psaltérion (Fr., struck) psalterium (struck) psaltery (struck) saltari (struck) saltere (struck) salterio (struck) sautere (struck) sautier (struck) sautieron (struck) timpano (Sp.) tympanon (Fr.)
pco	chocalho	chocallo chocolo ganza metal chocalho metal tube metallgefässrassel shüttenrohr sounding tube tube shaker tube sonore tubo sonoro tubos (Lat. Am.) xocalho
pcr	crash cymbal	aufgehängte becken becken auf ständer becken freihängend bounce cymbals crash ride cymbals cymbale suspendue cymbales frappées hängendes becken piatto piatto sospeso

		ride cymbals rock cymbals snap cymbal splash cymbals suspended cymbals top cymbals zymbal (Ger.)
pct	crotales	antike zimbeln antikes becken antique cymbals cimbali antichi crotali crotali antichi cymbales antiques gioco di crotali kleine tanz-becken zimbeln zimbelspiel
pcu	cuíca	cuica friction drum cuíca
pcv	claves	Baguettes holzstäbe
pcw	cowbell	almglocke campanaccio campanaccio a pedale campanaccio alpestre campanaccio da mucca cencerros cloche à vache cloche de vache cow-bell grelot de vache herdenglocke kuhglocke métal bloc vieh glocke viehschellen
pcy	cymbals	becken becken teller beckenpaar cimbali cinelli clashed cymbals coppia di piatti cymbales (Fr.) cymbales à main cymbales coquées cymbales cosser cymbales frappées cymbals – pair cymbals clashed gewöhnlich becken hand becken hand cymbals piatti piatti a due

		piatti a mano piatti in coppia piatti volanti platillos schellbecken tellern tschinellen two cymbals zwei becken gestossen
pdr	drum	tabur tambor tambour tamburo trommel trumme
pds	drums	bateria batteria batterie équipement de la batterie percusión (Sp.) percussion outfit schlagzeug-garnitur
pfc	finger cymbals	castagnette di ferro castagnettes de fer cimbolini a dita cliquettes métalliques crotales à doigts crotali a dita cymbales à doigts cymbales digitales finger-zimbel iron castanets metal castanets metallkastagnetten piattini
pdf	friction drum	brummtopf caccavella jackdaw lions roar lion's roar löwengebrüll putipù reibentrommel reibtrommel ruggito del leone rummeltopf string drum string-drum tambor de fricción tambour à corde tambour à friction tamburo a corda tamburo a frizione zambomba
pfl	flexatone	Flexaton

pgl	glockenspiel	bell-lyra instrumento d'acciaio lyra glockenspiel metallino militär glockenspiel sistro (18th-19th cent.) stabspiel stahlspiel
pgn	gun	cannone canon explosivaerophone
pgo	gong	gong a suono indeterminato tam tam tam-tam tamtam
pgu	güiro	gracé guayó güira guiro jiriquía reco-reco sapo vis guirra
pha	hammer	hammerschlag maglio marteau martello martellone martelo martillo massue mazza sledge-hammer
phb	handbell	campanella campanella a mano campanella da chiesa campanilla cloches à main clochette clochette à main clochette de messe clochette pour la messe hand bell handglocke messglöche messklingel sanctus bell tischglocke
phh	hi-hat	charleston charleston-cymbals cymbales à pedale cymbales charleston foot cymbals high-hat hi-hat becken hi-hat charleston

		hi-hat cymbals piatti a pedale piatto a pedale
pir	intonarumori	
pje	jembe	djembe
pji	jingles	araine bubbolo carquavel cascabel cencerro esquila girellina grelot grelots jingle bells rolle (Ger.) rollschelle schelle sleigh bells sonagli sonagliera sonaglio sonnaïlle sonneau sonnette
pli	lithophone	felsenharmonika lithophon litofono steinharmonika steinspiel
plj	lujon	loo-jon
pmb	marimba	marimbaphon marimbaphone
pmc	maracas	alfandoque asô asson dadu guará huada maracá marraga maruga nasisi sonajas
pmd	military drum	basel drum basler trommel caisse caisse claire caisse plate caisse roulante caisse sourde caja cassa chiara cassa rullante drum with strings field drum

		kleine trommel landsknechtsz-trommel militärtrommel parade drum paradetrommel rolling case rolling drum rolltrommel rührtrommel rullante schnarrtrommel side drum snare drum tambour à timbre tambour de Bâle tambour de parade tambour d'empire tambour militaire tambour roulant tambour ténor tambourin de Suisse tamburo con corde tamburo da parata tamburo di Basilea tamburo militare tamburo piccolo tamburo rullante tamburo tenore tenor drum tenortrommel wirbel trommel
pme	metallophone	metallofono métalophone
pnv	nail violin	eisenvioline melkharmonica metallstabsharfe nagelclavier nagelgeige nagelharmonika stockspiel violino di ferro violon de fer
pra	ratchett	bird-scare carraca cog rattle crécelle knallfrosch knarre matraca raganella ratsche rattle tartevelle
prs	rain stick	bâton de pluie
prt	roto-toms	rototoms rototomspiel

psc	sizzle cymbals	cymbale cloutée nietenbecken piatto chiodato piatto con sizzler piatto jazz
pse	sound-effect instrument	objet sonore oggetto sonoro
psl	slit-drum	afrikanische schlitztrommel cassa di legno gestimmte hölzer holzblocktrommel log drum rhythm log schlitztrommel slit drum slit gong slit wood drum talking drum tambour à fente tambour à fessure tambour de bois tambour de bois à fente tambour de tronc d'arbre tamburo a fessura tamburo di legno
psm	sistrum	crepitaculum sistre sistro (antique)
psn	sirene	siren sirena sirène
psp	sandpaper	blocchi di carta vetrata blocs à papier de verre carta vetrata papier de verre sandblöcke sandblocks sandpapier sandpapierblöcke
pss	sound sculpture	sculpture sonore scultura sonora structure Bascet
pst	steel drum	bass pan ping-pong rhythm pan tambour d'acier tamburo d'acciaio tamburo di ferro tamburo di metallo tenor pan trinidad steel drum trinidad-gongtrommel tuned-boom
psw	switch whip	fouet de verges frusta di verghe klapper aus bambus

		pu-ili rute ruthe stab aus bambus twig brush twigs verges
pta	tablas	tabla tabla trommel
ptb	tabor	frame drum hand drum handtrommel rahmentrommel taberett tabolet taboret tamborcillo tambori tamborim tambour provençal tambour sans cadre tambourin tambourin de provence tambourine (Fr.) tambourine without jingles tamburello senza sonagli tamburino tamburo di provenza tamburo provenzale tammarin
ptc	turkish crescent	albero dei sonagli bonnet chinois cappel cinese cappello cinese cappello turco chapeau chinois chinesco chinese pavilion cimbaleiro (Sp.) crescent halbmond jingling johnny mezzaluna mohamedsfahne padiglione cinese pavillon chinois schellenbaum
pte	temple block	bloc chinois chinese temple block chorean blocks dragon's mouth tempelblock temple bloc
ptg	tuned gong	bossed gong buckelgong button gong

		chinese gong chinesischer gong chromatic gong gestimmtes gong gong (tuned) gong a bulbo gong a calotta gong a mamellone gong accordé gong ageng gong cinese gong filippino gong (hauteur fixe) gong intonato gong javanese gong thailandese gong-chime kempul
pti	timpani	atabal bedon heerpauken kettledrum nacaires pauken timbal timbale timbale chromatique timbales (20th cent.) timbales (Fr.) timbale-trompette timballi timpano timpano a pedale timpno cromatico trompette-timbale tymbales
ptl	triangle	acciarino staffa staffetto stegeryff trepie trepit trespié triangel triangolo triangulo tripet
ptm	thunder machine	bronteron chapa de trueno donnerblech donnermaschine lamiera del tuono lamina metallica lastra del tuono macchina del tuono machine à tonnerre

		metal sheet thunder sheet tôle pour imiter le tonnerre
pto	tarol	tamburo militare piccolo tamburo tarole tarole tarole drum tarole-trommel
ptr	tambourine	basque drum bedon de biscaye pandeiro pandero pantheru penderete piano-basque rahmentrommen schellentrommel tambour de basque tambourine (En.) tamburello tamburello basco tamburello senza pelle tamburin (Ger.) tamburo basco timbrel
ptt	tom-tom	tom tomtom
pvi	vibraphone	steel marimba vibes vibrafono vibraharp vibraphon
pvs	vibra-slap	jawbone kieferknochen mascella d'asino quijada schlagrassel vibraslap
pwh	whip	claquette flagello fouet frusta holzklapper peitsche slap stick slapstick
pwm	wind machine	aeoliphone eolifono macchina del vento machine à vent windmaschine
pwo	woodblocks	bloc chinois bloc de bois cylindrique blocchi blocchi di legno blocs chinois de bois

		blocs de bois chinese blocks chinese woodblocks chinesische blöcke holzblock röhrenholztrommel tone block tone block cylinder wood block cilindrico wood blocks woodblock
pxr	xylorimba	marimba-xylophone xilomarimba xilomarimba xilorimba xylo-marimba
pxy	xylophone	armonica di legno armonica di paglia arpilegno claquebois echelette eschelletes gigelyra hölzernes gelächter holzharmonika holzspiel hülze glechter instrument di legno legnofono orgue de bois patouilles régal de bois silofono sistro d'apulia sticcato straw fiddle strohfiedel tastenxylophon timpano musicale tryphon xilofono xyloharmonika xylophon
pza	zarb	
pun	percussion – unspecified	percussioni perkussion schlagzeug
pzz	percussion – other	
	percussion – ethnic	use suffix: puny
	electronic percussion	<i>use suffix: punx</i> drum machine electronic drum percussion électronique percussioni elettroniche rythm machine side man

8. Electric / electronic instruments and devices		
Code	Definition	Notes
		Other definitions, language terms, variants
eco	computer	Calcolatore elektronen-rechengerät elektronisches rechengerät ordinateur processeur numérique
ecs	computerized musical station	postazione informatica musicale station informatique musicale
ect	computerized tape	bande réalisée par ordinateur, son fixé nastro realizzato da computer
eds	digital space device	dispositif spatial numérique dispositivo spaziale digitale
eea	electro-acoustic device	dispositif électro-acoustique dispositivo elettroacustico
eli	live electronic	
ely	lyricon	
ema	ondes Martenot	onde martenot
eme	meta-instrument	méta-instrument metastrumento
emu	multimedial device	dispositif multimédia dispositivo multimediale
eos	oscillator	oscillateur oscillatore
esp	space device	dispositif spatial dispositivo spaziale
esy	synthesizer	minimoog moog odyssey sintetizzatore synclavier synket synthétiseur
eta	tape	bande magnétique magnetofono magnettonband nastro magnetico tonband
eth	theremin	teremin théréminovox
eun	electronic – unspecified	électronique, non spécifié elettronico, non specificato
ezz	electronic – other	
	electric organ	use suffix: kore
	electric piano	use suffix: kpie
	electronic organ	use suffix: korx
	electronic percussion	use suffix: punx
	electronic piano	use suffix: kpix
	hammond organ	use suffix: korx

9. Miscellaneous, other, unspecified instruments

Code	Definition	Notes Other definitions, language terms, variants
mah	aeolian harp	aéro-clavicorde anémocorde äolsharfe arpa eolia arpa eolica eliocordo harpe éolienne piano éolien windharfe
mbo	barrel organ	Drehorgel dutch organ grinder organ hand organ leierkasten organetto a cilindro organetto a manovella organo di barberia organo tedesco orgue à manivelle orgue de barbarie street organ walzenorgel
mbr	bullroarer	bull-roarer buzzer dischi sibilanti planchette ronflante rhombe rhombus rombo schwirrholz spinning disc tavoletta sibilante thunder stick waldteufel
mbs	bass instrument	bajo bas basse basso bassus
mbw	musical bow	arc musical arco musical arco musicale berimbau birimbao (Lat. Am.) camalpa caramba harpa (Mex.) musikbogen ukeke umcunga
mbx	musical box	ariston boîte à musique scatola musicale

		spieldose tabatière
mck	chekker	archiquier echiquier escacherium escaque eschaquil d'angleterre eschiquier exaquier scacchiere schachtbrett
mcl	musical clock	flötenharfenuhr flötenuhr harfenuhr horloge musical orologio musicale spieluhr
mco	continuo	bajo continuo bajo fundamental basse chiffrée basse continue basse fondamentale basso cifrato basso continuo basso figurato basso fondamentale basso generale basso numerato bassus continuus bezifferten bass figured bass fondamento fondement fundamental bass generalbass grundbass thorough bass
mgh	glassharmonika	armonica (En.) armonica (It., 18th cent.) armonica a cristalli rotanti cassa armonica clavicylinder cölon copologo euphon euphone glasharmonika glass harmonica glasschord harmonica (En., 18th cent.) harmonica de verres harmonicon musical glasses verrillon xylharmonicon

		xylomelodichord xylosistron
mha	harmonica	armonica (It., 19th-20th cent.) armonica a bocca armónica de boca harmonica à bouche mouth organ mundharmonika panharmonicon
mhg	hurdy-gurdy	armonie (Fr.) bauernleier bettlerleier chifonie chinforgne cinfonia ciphonie clavecin-vielle ghironda klaviergamba leier lira organizzata lyra mendicorum lyra organica lyra pagana lyra rustica lyra tedesca organistro organistrum orgelleier radleier rotata sambuca sinfonia stampella symphonia symphonie vielle à roue vielle organisée viola da orbo viola de ruedas zampugna zanfona zanfonia
mjh	jew's harp	aura birimbao brummeisen guimbarde jaw's harp jew's trump maultrommel rebube scacciapensieri trombula trompe de béard
mla	lamellaphone	lamellophone zanza

mmc	monochord	canon harmonicus monocorde monocordo tastenmonochord
mme	melodica	
mmi	mirliton	bazooka cantophone eunuch flûte à l'oignon flûte eunuque gazooka gazoota kazoo tommy-talker zazah
mml	melodic instrument	instrument mélodique melodieinstrument strumento melodico
mms	musical saw	lame sonore (Fr.) säge mit bassbogen gestrichen scie musicale sega cantante sega musicale singende säge spielsäge
moc	ocarina	vessel flute
mpo	polyphonic instrument	instrument harmonique strumento armonico
mpp	player piano	ampico autopiano duo-art piano duophonola phonola piano mécanique piano pneumatico pianola reproduktionsflügel
mra	rabab	Rebab
msw	swanee whistle	flauto a coulisse flûte à coulisse jazz flûte lotosflöte piston flute slide flute slide whistle stempelflöte swanee flute ziehpfefe
mtf	tuning-fork	alamire corista diapason
mui	instrument – unspecified	instrumento strumento
mwd	wind instrument	aerofono blasinstrument

		strumento a fiato instrument à vent
mwh	whistle	fischietto sifflet
mun	instrument or voice, unspecified	instrument ou voix, non spécifié strumento o voce, non specificato
mzz	other	

10. Choruses		
Code	Definition	Notes Other definitions, language terms, variants
cch	children's choir	chœur d'enfants choeur d'enfants coro di voci bianche
cme	men's choir	chœur d'hommes choeur d'hommes coro maschile männerchor
cmi	mixed choir	chœur mixte choeur mixte coro misto
cre	reciting choir	chœur parlé choeur parlé coro parlato coro recitante
cve	vocal ensemble	complesso vocale ensemble vocal
cwo	women's choir	chœur de femmes choeur de femmes coro femminile
cun	choir – unspecified	chœur choeur chor choro coro
czz	choir – other	
	choir – ethnic	use suffix: cuny

11. Orchestras, ensembles		
Code	Definition	Notes Other definitions, language terms, variants
oba	band	banda harmonie
obi	big band	
obr	brass band	fanfara fanfare
och	chamber orchestra	kammerorchester orchestra da camera orchestre de chambre
oco	combo	
odo	dance orchestra	orchestra da ballo orchestre de danse

ofu	full orchestra	grand orchestre orchestra sinfonica orchestre symphonique
oga	gamelan	
oie	instrumental ensemble	complesso strumentale ensemble instrumental
oja	jazz band	complesso jazz ensemble jazz
ope	percussion orchestra	orchestra di percussioni orchestre de percussions
orb	ragtime band	
osb	steel band	
ost	string orchestra	orchestra d'archi orchestre à cordes streichorchester
owi	wind orchestra	orchestra di fiati orchestre de vents
oun	orchestra – unspecified	orchester orchestre
ozz	orchestra – other	
	orchestra – ethnic	use suffix: ouny

12. Conductors

Code	Definition	Notes
		Other definitions, language terms, variants
qch	choir conductor, chorus master	chef de chœur direttore di coro
qco	conductor	chef d'orchestre direttore direttore d'orchestra
qce	live electronic conductor	direttore di live electronic
qlc	light conductor	direttore delle luci
qzz	conductor – other	

13. Other performers

Code	Definition	Notes
		Other definitions, language terms, variants
zab	acrobat	Acrobata acrobate
zat	actor	attore comédien acteur
zaw	actress	attrice attrice
zac	child actor	acteur enfant attore bambino
zda	dancer	ballerino danseur
zel	light engineer	tecnico delle luci
zmi	mime	mimo
zas	silent actor	attore muto
zes	sound engineer	tecnico del suono
zju	juggler	giocoliere jongleur

zwp	walk-on part	comparsa figurant figurante
zzz	performer – other	interprete, altro interprète, autre

B. Codes for fields 145 \$b – \$d, positions 5, 6

Code	Definition	Notes Other definitions, language terms, variants
0	tenth	decima vox decimo decimus dixième
1	eleventh	onzième undecima vox undicesima voce undicesimo
2	twelfth	dodicesima voce dodicesimo douzième duodecima vox
5	fifth	cinquième quinta vox quinto quintus
6	sixth	sesto sexta vox sextus sixième
7	seventh	septième septima vox septimus settimo
8	eighth	huitième octava vox octavus ottavo
9	ninth	neuvième nona vox nono nonus
a	alto	alt contralto
b	bass	bajo bas basse basso
c	contrabass	contrebasse contrabbasso kontrabass
d	midi	
e	electric	électrique elettrico
f	amplified	amplificato amplifié

g	sub-contrabass	basse grave basso grave octobasse sub-contrabbasso
h	high	acuto aigu hoch klein petit piccolo small
i	six hands	sei mani six mains
j	eight hands	huit mains otto mani
k	recorded	enregistré registrato
l	low	big grand grande grave gross large tief
m	medium	medio mittel moyen
n	sopranino	
o	one hand	una mano une main
p	sopracute	garklein sopracuto suraigu
q	antiquity	antichità antiquité
r	baritone	baritono baryton
s	soprano	Dessus pardessus sopran treble
t	tenor	ténor tenore
u	three hands	drei hände tre mani trois mains
v	four hands	vier hände quatre mains quattro mani
w	two players on one instrument	deux exécutants sur un instrument due esecutori su uno strumento
x	electronic	électronique elettronico
y	ethinc, traditional	ethnique, traditionnel etnico, tradizionale

z	prepared	préparé preparato
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C. Codes for fields 145 \$b-\$d, position 7

Code	Definition
#	not specified – position not required
1-9	internal group identifier
0	internal group indicator (order of group not specified)
a	solo (as opposite to non-solo instruments/voices)
b	ad libitum
c	may take place of the preceding code / alternative
d	used by the same player as the preceding code

D. Codes for fields 145 \$e, \$f, position 4

Code	Definition
a	total number of performers
b	brass instruments
c	choirs
d	wind instruments
e	electro-acoustic instruments
g	groups within larger ensemble
i	instruments (not specified)
j	solo instruments
k	keyboard instruments
l	solo voices
m	miscellaneous, other instruments
o	orchestras
p	percussion instruments
q	conductors
s	bowed string instruments
t	plucked string instrument
v	voices (not specified)
w	woodwind instruments
x	choral voices
y	ensemble instruments
z	devices, other performers