

EISCD Data File

EISCD Contents

This section describes the contents of the Extended ISCD XML extract.

The EISCD sort code database contains comprehensive sort code data including contact information such as branch address, telephone and fax number.

The extract is available as a download from Sorting Codes Electronic website it contains around 20,000 record, the XML file will be about 55 megabytes and the zipped file that is about 1.5 megabytes. In the extract, all tags in the hierarchy will be displayed. In the case of an empty field, the data will be shown with empty tags.

XML tag	Details of contents
Bank	
AbbreviatedBankName	Short name of owning bank.
BankName	Full name of owning bank.
BankCode	Bank code of owning bank. This code is allocated by VocaLink
SupervisoryBody	Supervisory body: <ul style="list-style-type: none"> • A Bank of England • B Building Society Commission • C Jersey, Guernsey or Isle of Man authorities • D other • nullbank is not an agency in any of the clearings.
Bank office	
SortCode	Sorting code of the bank office. All bank offices that participate in Bacs, CHAPS Sterling and C&CC will have a sorting code. Bank offices that only participate in CHAPS Euro do not have to have a sorting code. There may be several bank offices with the same sorting code; one main with one or more subbank offices. These will be distinguished by a unique suffix.
BICBank	These two fields make up the BIC (bank identifier code) for the bank office.
BICBranch	All bank offices that participate in CHAPS Euro will have a BIC. Bank offices that only participate in the other UK clearings do not have to have a BIC.
Suffix	Subbank office sorting code suffix. A sorting code can have multiple subbank offices each identified by a suffix unique for the sorting code.
BankOfficeTitle	Short bank office title. Title appears, for example, on cheque books.
NCBCountryCode	National clearing bank country code. For bank offices that are Target NCBs, will be the ISO country code for the country the bank office is the NCB for.
DeletedDate	The date the bank office will be removed from the ISCD as it no longer participates in any UK clearing; only populated if date is migrated.
DateLastChanged	The date the bank office was last amended, including the amendment, closure or removal of its participation from any of the clearings.
PrintIndicator	Specifies how the bank office's details will appear in the UK Clearings Directory: <ul style="list-style-type: none"> • 0 No special requirements, print all • 1 Do not print "sub" or "linked" after bank office names • 2 Do not print in alphabetically sorted section • 3 Do not print in numerically sorted section • 4 Do not print "sub" or "linked" after bank office names; do not print in

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	<p>numerically sorted section</p> <ul style="list-style-type: none"> • 5 Do not print any bank office information (also suppresses sorting code in the SWIFT Database Plus).
Bacs service	<p>Bacs service status:</p> <ul style="list-style-type: none"> • M Bank office of a Bacs scheme member; accepts Bacs payments • A Bank office of a sponsored institution in Bacs; accepts Bacs payments • N Bank office does not participate in Bacs; does not accept Bacs payments.
Status	
Toddaso4	<p>TODDASO flag:</p> <ul style="list-style-type: none"> • Y Bank office accepts electronic TODDASO output • N Bank office does not accept electronic TODDASO output • null Bank office does not participate in Bacs.
DateLastChanged	<p>The date that the details of the bank office's participation in the Bacs clearing was amended. (Note: Closure of the Bacs service is not considered an amendment for the purpose of this field.)</p>
DateClosed	<p>The is the date from which the bank office will no longer participate in the Bacs service.</p>
RedirectionFromFlag	<p>If R, the bank office is set as the redirection sorting code of another bank office(s).</p>
RedirectionToSortCode	<p>If the output from the Bacs service for this bank office is to be redirected, will contain the sorting code to which payments are redirected.</p>
SettlementBank	<p>The bank code of the Bacs scheme member that settles the output from the Bacs clearing for this bank office.</p>
SettlementSection	<p>Data used for Bacs output and settlement.</p>
SettlementSubSection	
HandlingBank	<p>Account numbered flag:</p> <ul style="list-style-type: none"> • Y Bank office has transferable account numbers On redirection due to branch closure the account number is not zeroised. • N Bank office does not transferable account numbers On redirection due to branch closure the account number is zeroised.
DDIVoucherFlag	<p>Direct Debit Instruction (DDI) voucher flag:</p> <ul style="list-style-type: none"> • Y Bank office cannot accept output of electronic DDIs; requires printed vouchers • N Bank office can accept output of electronic DDIs; does not require printed vouchers.
TransactionGroupCode	<p>Disallowed transactions code. Specifies that the bank office cannot accept a particular transaction type:</p> <ul style="list-style-type: none"> • DR Direct Debits (transaction codes 01, 17, 18, 19) • CR credits (99) • CU claims for unpaid cheques (13) • BS interest payments (Z4) • DV dividend payments (Z5) • AU Direct Debit Instructions (0N, 0C, 0S).
CHAPS Sterling service	
ReturnIndicator	<p>If R, the bank office is the office to which returned CHAPS Sterling payments should be sent.</p>
Status	<p>CHAPS Sterling service status:</p> <ul style="list-style-type: none"> • D Bank office is a direct office that accepts CHAPS Sterling payments • I Bank office is an indirect office that accepts CHAPS Sterling payments • N Bank office does not participate in CHAPS Sterling; does not accept

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	CHAPS Sterling payments.
DateLastChanged	The date that the details of the bank office's participation in the CHAPS Sterling clearing was amended. (Note: Removal of the bank office's participation in CHAPS Sterling is not considered an amendment for the purpose of this field.)
DateClosed	The date from which the bank office will no longer participate in the CHAPS Sterling service.
CHAPSSterlingID	The CHAPS code of the CHAPS Sterling scheme member that settles the CHAPS Sterling payments for this bank office.
RoutingBICBank	The direct BIC to which CHAPS Sterling payments for this bank office should be routed.
RoutingBICBranch CHAPS Euro service	
CHAPS Euro service	
Status	CHAPS Euro service status: <ul style="list-style-type: none"> • D Bank office is a direct office that accepts CHAPS Euro payments • I Bank office is an indirect office that accepts CHAPS Euro payments • N Bank office does not participate in CHAPS Euro; does not accept CHAPS Euro payments.
DateLastChanged	The date that the details of the bank office's participation in the CHAPS Euro clearing was amended. (Note: Removal of the bank office's participation in CHAPS Euro is not considered an amendment for the purpose of this field.)
DateClosed	The date from which the bank office will no longer participate in the CHAPS Euro service.
RoutingBICBank	The direct BIC to which CHAPS Euro payments for this bank office should be routed.
RoutingBICBranch	
CHAPSEuroID	The CHAPS code of the CHAPS Euro scheme member that settles the CHAPS Euro payments for this bank office.
ReturnIndicator	If R , the bank office is the office to which returned CHAPS Euro payments should be sent.
RTGSIndicatorTargetStatus	The real-time gross settlement (RTGS) indicator and the Target status separated by a /. The RTGS indicator will be Y if CHAPS Euro is the preferred RTGS system to be used for payments to this bank office; otherwise, will be N . The Target status will be CHP if the owning bank of the bank office is a CHAPS Euro scheme member and the country code part of the BIC is GB ; otherwise will be CH+ .
C&CC service	
Status	C&CC service status: <ul style="list-style-type: none"> • M Owing bank of bank office is a C&CC scheme member • F Bank office is a full agency • D Bank office is a debit agency • N Bank office does not participate in C&CC; does not accept C&CC payments.
DateLastChanged	The date that the details of the bank office's participation in the C&CC clearing was amended. (Note: Removal of the bank office's participation in C&CC is not considered an amendment for the purpose of this field.)
DateClosed	The date from which the bank office will no longer participate in the C&CC service.
SettlementBank	The bank code of the C&CC scheme member that settles the output from the C&CC clearing for this bank office.
DebitAgencySortCode	If C&CC service status is D , this is the sorting code of the bank office that

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	handles the cheque clearing for this bank office.
ReturnIndicator	If R , the bank office is the office to which C&CC returns should be sent.
GBNIndicator	The Great Britain/Northern Ireland indicator. NI indicates the bank office participates in the Northern Ireland C&CC; otherwise GB .
Faster Payments service	
Status	FPS service status: <ul style="list-style-type: none"> • M Bank office of FPS scheme member; accepts FPS payments • A Bank office of FPS agency bank; accepts FPS payments • N Bank office does not accept FPS payments.
DateLastChanged	The date that the details of the bank office's participation in the FPS clearing was amended.
DateClosed	The date from which the bank office will no longer participate in the FPS service.
RedirectionFromFlag	If R , the bank office is set as the redirection sorting code of another bank office(s).
RedirectionToSortCode	If the output from the FPS service for this bank office is to be redirected, will contain the sorting code to which payments are redirected.
SettlementBankConnection	The two-digit connectivity code (01) of the FPS scheme member that settles the output from the FPS clearing for this bank office.
SettlementBankCode	The four-digit bank code of the FPS scheme member that settles the output from the FPS clearing for this bank office.
HandlingBankConnection	The two-digit connectivity code of the FPS scheme member that handles the output from the FPS clearing for this bank office. Either: <ul style="list-style-type: none"> • 01 FPS member • 02 Direct agency • 04 Responding third party beneficiary • 05 Nonresponding third party beneficiary.
HandlingBankCode	The bank code of the FPS member, agency or third party beneficiary that the Faster Payments routed payment will be sent to.
AccountNumbersFlag	Account numbered flag: <ul style="list-style-type: none"> • Y Bank office has transferable account numbers On redirection due to branch closure the account number is not zeroised. • N Bank office does not transferable account numbers On redirection due to branch closure the account number is zeroised.
AgencyType	Agency type can be either: <ul style="list-style-type: none"> • D Bank office is a direct agency FPS payment requests are sent directly to the agency • I Bank office is an indirect agency FPS payment requests are sent via an intermediary bank. The intermediary bank can be either an FPS member or a direct agency.
Other bank office information – for example, used for the UK Clearings Directory (UKCD)	
BankOfficeType	Bank office type indicator: <ul style="list-style-type: none"> • M Bank office is a main bank office • S Bank office is a subbank office; bank office has the same sorting code as a main bank office but also has a subbank office suffix • L Bank office is a linked bank office; bank office is linked to a main bank office with a different sorting code.
MainBankOfficeSortCode	If bank office type is L , this is the sorting code of the main bank office this bank office is linked to.
MajorLocation	Major and minor locations are used to indent the office or place name

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MinorLocation	when printed in the UKCD.	
OfficeOrPlaceName	Bank office/place name as printed in the UKCD.	
SecondEntryIndicator	Second entry indicator: <ul style="list-style-type: none"> • 1 Bank office is to appear once in the alphabetical section of the UKCD; under the bank office/place name • 2 Bank office is to appear twice in the alphabetical section of the UKCD; under the bank office/place name and the bank office name for second entry. 	
OfficeOrPlaceNameSe cond	Bank office/place name for second entry in the alphabetical section of the UKCD.	
OfficeTitle	Full bank office title.	
AddresseeName	Address details of the bank office.	
PostalName		
AddressLine1		
AddressLine2		
CityOrTown		
AreaOrCounty		
PostCodeOutcode		
PostCodeIncode		
ZipCode		
Country		
InternationalPrefix		Telephone number of the bank office.
Std		
Number		
InternationalPrefix	Fax number of the bank office.	
Std		
Number		

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Converting XML to heritage

For users wanting to convert the XML extract to a flat file, this section details how to map fields. It also details what data transformation may be required.

For the purposes of this section “XML” refers to the extended ISCD extract in XML format, and “heritage” refers to the ISCD as a tab delimited file.

2.1 Field differences

The following describes the fields that differ between the XML and heritage formats.

Address differences

In XML, the address is made up of 10 fields; in heritage it is 8 fields. The two new fields are: ZipCode. Country. For details of how to use these fields when creating a heritage format, see *Transformation details*, page 14.

Also, in XML the first four lines of the address have been truncated from 35 to 33 characters.

Telephone differences

In XML, telephone numbers are made up of 3 fields; in heritage there are 2 fields. The new field is InternationalPrefix. For details of how to use this field when creating a heritage format, see *Transformation details*, page 14.

Also, in XML there is an additional telephone number.

Other differences

The following are other differences between the two formats:

- In XML, the fields are not necessarily in the same order as those in heritage
 - In XML, there is a new field, Toddaso4
 - In XML, BankName is one field; in heritage it was split into two fields
 - In XML BankOfficeFullTitle is one field; in heritage it was split into three fields
 - In XML the TransactionGroupCode (that shows disallowed transactions relating to the Bacs service) is a tag that can be used zero or multiple times to show the disallowed transactions; in heritage there are 7 fields (and 3 spare), one for each transaction code. Note: PR and spare fields do not have XML tags.
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2.2 Field mapping

In the following table:

- The element column specifies the XML element that encloses the relevant source tag. Each Bank element contains a number of BankOffice elements. Only relevant elements are shown
- The source tag column specifies the elements containing the relevant data; attributes are marked with an @. Note that some elements generate more than one field in heritage
- The no. (len) column shows the field number and length (in brackets) in heritage. The length specifies the length to which the field should be padded or truncated following transformation
- The field description columns shows the field description as used in heritage
- The transformation column indicates how the data from XML must be transformed to create data in heritage format. For the key to entries in this column, see *Transformation details*, page 14.

XML extract		Heritage extract		Transformation for output
Element	Source tag	No. (len)	Field description	
BankOffice	@SortCode	1 (6)	Sorting code	
BankOffice	@BicBank	2 (8)	BIC bank	
BankOffice	@BicBranch	3 (3)	BIC branch	
BankOffice	@Suffix	4 (2)	Subbranch suffix	
BankOffice	BankOfficeTitle	5 (27)	Short branch title	
Bank	AbbreviatedBankName	6 (20)	Owning bank name	
Bank	BankName	7 (35)	Full owning bank name 1	substr(BankName,1,35)
Bank	BankName	8 (35)	Full owning bank name 2	substr(BankName,36,35)
Bank	@BankCode	9 (4)	Owning bank code	
BankOffice	NCBCountryCode	10 (2)	NCB country code (ISO)	
Bank	SupervisoryBody	11 (1)	Supervisory body	
BankOffice	DeletedDate	12 (10)	Deleted date	Date
BankOffice	DateLastChanged	13 (20)	Date of last change	Date
BankOffice	PrintIndicator	14 (1)	Print indicator	
BacsServiceOffice	Status	15 (1)	Bacs status	

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BacsServiceOffice	DateLastChanged	16 (10)	Date of last change	Date
BacsServiceOffice	DateClosed	17 (10)	Date closed in Bacs clearing	Date
BacsServiceOffice	RedirectionFromFlag	18 (1)	Redirection from flag	
BacsServiceOffice	RedirectionToSortCode	19 (6)	Redirection to sorting code	
BacsServiceOffice	SettlementBank	20 (4)	Bacs settlement bank code	
BacsServiceOffice	SettlementSection	21 (2)	Settlement section	
BacsServiceOffice	SettlementSubSection	22 (2)	Settlement subsection	
Stream	@HandlingBank	23 (4)	Handling bank code	
Stream	@HandlingBankStream	24 (2)	Handling bank stream	
BacsServiceOffice	AccountNumbersFlag	25 (1)	Account numbers	
BacsServiceOffice	DDIVoucherFlag	26 (1)	DDI voucher flag	
DisallowedTransactions	TransactionGroupCode	27 (2)	DR	Use code or null (note, PR is no longer used)
DisallowedTransactions	TransactionGroupCode	28 (2)	CR	
DisallowedTransactions	TransactionGroupCode	29 (2)	CU	
DisallowedTransactions	TransactionGroupCode	30 (2)	PR	
DisallowedTransactions	TransactionGroupCode	31 (2)	BS	
DisallowedTransactions	TransactionGroupCode	32 (2)	DV	
DisallowedTransactions	TransactionGroupCode	33 (2)	AU	
<i>Not applicable</i>	<i>Not applicable</i>	34 (2)	Spare	null
<i>Not applicable</i>	<i>Not applicable</i>	35 (2)	Spare	null
<i>Not applicable</i>	<i>Not applicable</i>	36 (2)	Spare	null
<i>Not applicable</i>	<i>Not applicable</i>	37 (2)	Spare	null
CHAPSSterling	ReturnIndicator	38 (1)	Return indicator	
CHAPSSterling	Status	39 (1)	CHAPS Sterling status	
CHAPSSterling	DateLastChanged	40 (10)	Date of last change	Date
CHAPSSterling	DateClosed	41 (10)	Date closed	Date
CHAPSSterling	CHAPSSterlingID	42 (3)	Settlement bank CHAPS code	
CHAPSSterling	RoutingBICBank	43 (8)	Routing BIC bank	
CHAPSSterling	RoutingBICBranch	44 (3)	Routing BIC	

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			branch	
CHAPSEuro	Status	45 (1)	CHAPS Euro status	
CHAPSEuro	DateLastChanged	46 (10)	Date of last change	Date
CHAPSEuro	DateClosed	47 (10)	Date closed	Date
CHAPSEuro	RoutingBICBank	48 (8)	Routing BIC bank	
CHAPSEuro	RoutingBICBranch	49 (3)	Routing BIC branch	
CHAPSEuro	CHAPSEuroID	50 (3)	Settlement bank CHAPS code	
CHAPSEuro	ReturnIndicator	51 (1)	Return indicator	
CHAPSEuro	RTGSIndicatorTargetStatus	52 (5)	RTGS indicator / Target status	
<i>Not applicable</i>	<i>Not applicable</i>	53 (20)	Spare	null
CNCCC	Status	54 (1)	C&CC status	
CNCCC	DateLastChanged	55 (10)	Date of last change	Date
CNCCC	DateClosed	56 (10)	Date closed	Date
CNCCC	SettlementBank	57 (4)	Settlement bank code	SettlementBank padded on the right with blanks
CNCCC	DebitAgencySortCode	58 (6)	Debit agency sorting code	
CNCCC	ReturnIndicator	59 (1)	Return indicator	
CNCCC	GBNIIndicator	60 (20)	GB/NI indicator	
FPS	Status	61 (1)	Faster Payments status	
FPS	DateLastChanged	62 (10)	Date of last change	Date
FPS	DateClosed	63 (10)	Date closed	Date
FPS	RedirectionFromFlag	64 (1)	Redirection from flag	
FPS	RedirectionToSortCode	65 (6)	Redirection to sorting code	
FPS	SettlementBankConnection	66 (2)	FPS settlement bank – connectivity code	
<i>Not applicable</i>	<i>Not applicable</i>	67 (1)	Spare	null
FPS	SettlementBankCode	68 (4)	FPS settlement	

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			bank – bank code	
FPS	HandlingBankConnecti on	69 (2)	FPS handling bank – connectivity code	
<i>Not applicable</i>	<i>Not applicable</i>	70 (1)	Spare	null
FPS	HandlingBankCode	71 (4)	FPS handling bank – bank code	
FPS	AccountNumbersFlag	72 (1)	Account numbers	
FPS	AgencyType	73 (1)	Agency type	
<i>Not applicable</i>	<i>Not applicable</i>	74 (1)	Spare	null
BankOffice	BankOfficeType	75 (1)	Branch type indicator	
BankOffice	MainBankOfficeSortCo de	76 (6)	Main branch sorting code	
BankOffice	MajorLocation	77 (30)	Major location	
BankOffice	MinorLocation	78 (30)	Minor location	
BankOffice	OfficeOrPlaceName	79 (35)	Branch/place name	
BankOffice	SecondEntryIndicator	80 (1)	Second entry indicator	
BankOffice	OfficeOrPlaceNameSe cond	81 (35)	Branch name second entry	
BankOffice	OfficeTitle	82 (35)	Full branch title 1	substr(BankOfficeFullTitle, 1,35)
BankOffice	OfficeTitle	83 (35)	Full branch title 2	substr(BankOfficeFullTitle, 36,35)
BankOffice	OfficeTitle	84 (35)	Full branch title 3	substr(BankOfficeFullTitle, 71,35)
Address	AddresseeName	85 (35)	Address line 1	
Address	PostalName	86 (35)	Address line 2	
Address	AddressLine1	87 (35)	Address line 3	
Address	AddressLine2	88 (35)	Address line 4	
Address	Country, CityOrTown, AreaOrCounty, ZipCode	89 (30)	Address town	Town
Address	AreaOrCounty, Country	90 (30)	Address county	County
Address	PostCodeOutcode	91 (4)	Postcode major	
Address	PostCodeIncode	92 (4)	Postcode	rpad(PostCodeIncode,4,'

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			minor	')
Telephone	InternationalPrefix, Std	93 (10)	Telephone area code	Telephone code
Telephone	Number	94 (8)	Telephone number	substr(Number,1,8)
Telephone2	InternationalPrefix, Std	95 (10)	Second telephone area code	Telephone code
Telephone2	Number	96 (8)	Second telephone number	substr(Number,1,8)

Transformation details

Transformation	Description
<<blank>>	Do not transform the data. Pad the data on the right with blanks or truncate to the output length.
Null	Do not output a value. Insert the field separator tab character.
Use code or null	If there is a matching code in the element DisallowedTransactions use the code, otherwise set the code to null.
Date	Reverse the date format and replace each hyphen with a slash. Change yyyy-mm-dd to dd/mm/yyyy
substr(tag,pos,len)	Extract a substring from the value of the tag , starting at position pos for len characters.
rpad(tag,len,' ')	Pad the value of the tag on the right with blanks to a length of len characters.
Town	Output field as follows: If Country is UNITED KINGDOM use CityOrTown padded to 30 characters else remove trailing blanks from CityOrTown and append a space append the AreaOrCounty take first 19 characters of result and append a space append first 10 characters of ZipCode end if Return the first 30 characters of the result. The result may contain slightly different data, eg additional blank spaces.
County	If the address country is "UNITED KINGDOM" output the AreaOrCounty padded to 30 characters; otherwise, output the Country padded to 30 characters.
Telephone code	Output field as follows: If no InternationalPrefix use Std else if combined number of digits is less than 10 combine the trimmed InternationalPrefix, a space and Std else combine the trimmed InternationalPrefix and Std end if end if Return the result padded to the right with blanks to 10 characters. Note: "trimmed" means blanks on the right of the field are removed.