

ELECTRONIC ORDER CONFIRMATION RECORDS (EOCRs)

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Electronic Order Confirmation Records (EOCRs) are MARC records generated for items ordered on GOBI containing bibliographic information from the GOBI database and any library-specific information entered by library staff. EOCRs provide a record in a library's local system of items ordered without the need for local keying of bibliographic and order data.

Standard EOCRs are brief, upper-case records derived from the bibliographic data presented in GOBI. EOCR Plus service is also available, in which GOBI Library Solutions which supplies the best-available OCLC record at point of order, rather than a GOBI record.

Libraries contracting for EOCR support may find it helpful to implement GobiSmart controls to customize field names, tag fields as required or optional, and validate data entered in specific fields. GobiSmart is described in separate documentation.

Information recorded in the following data elements is available for output in EOCRs:

Basic information from the library order:

- Subaccount number (nnnnnn)
- Quantity
- Item PO number (if keyed during order entry)
- Fund code (for subaccounts that support fund codes)
- Invoice separate by (for subaccounts that use data other than fund codes to assign items to separate invoices)

GOBI Library Solutions system-supplied data:

- Date order received (yyyymmdd)
- Time order received (hhmmss)
- Vendor code (YBP-US or YBP-UK. The code indicates the affiliation of the subaccount)
- GOBI order key (a unique 11-digit number assigned to each order)
- GOBI UID (the control number for the bibliographic record to which the order is linked in the GOBI book buying database. The UID contains up to 9 digits)

Data from the GOBI database:

- ISBN, author, title, edition
- Place of publication, publisher, year
- Series statement
- Volume number
- List price at time order placed. The list price selected is that for the US/UK affiliation of the subaccount. If there is no list price for the affiliated vendor, 0.00 is supplied. Regardless of source, the selected list price is output in the currency in which the subaccount is invoiced, using the conversion factor applied to invoices generated on the day of EOCR creation

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- ISO code for currency in which list price is output
- Binding type ordered (paper or cloth)

Additional data keyed by library personnel when placing the order on GOBI:

- Initials
- Note to YBP. Use Note to YBP sparingly when placing orders; the presence of any data these fields causes orders to be routed for human review.
- eBook supplier and purchase option (output as the first 5 characters of Note to YBP)
- Location code
- Other local ID/local order number
- Local data 1, 2, 3, 4 (can be customized via GobiSmart to contain specific data)

In EOCRs for orders placed on GOBI, local data – PO number, initials, fund code, note to YBP, invoice separate by, location, other local ID/local order number, and local data notes – is output in the case in which it was entered by library staff. EOCRs for unlisted items are output using the bibliographic information entered by the library.

Files of EOCRs are generated each business day. EOCRs for orders submitted by 12 midnight EST (GMT-5) are available the next day, usually in the morning, but always by 5 pm. Files are also processed not only on business days, but also weekends and holidays. Files are made available for pickup from the GOBI Library Solutions ftp server, and are deleted after 90 days. The most recent five days of EOCR files can also be downloaded directly from GOBI via the EOCR Log under the Reports menu.

Files are typically named **nnnnmmdd.ord** where **nnnn** is the library’s base account number, and **mmdd** are the month and day of file creation. File names can be customized if required. Within files, records are grouped by subaccount number; within each subaccount grouping, records are sorted by GOBI order key, reflecting the sequence in which the orders were placed. Each file is accompanied by a ‘count’ file of the same name with a .cnt extension. The presence of the .cnt file signals that the .ord file creation is complete and EOCRs are ready for pick-up.

DATA MAPPING IN MARC FORMATTED EOCRs

MARC formatted EOCRs contain the following values in the leader and 008 fields:

Leader		
00-04	logical rec length	system supp
05	rec status	n (new)
06	rec type	a (lang mat)
07	bib level	m (mono)
08-09	Undefined	φφ
10	indicator count	2
11	subfield code count	2

008		
00-05	date entered	system supp yymmdd
06	type of date	n (unknown)
07-14	date(s)	φφφφφφφφ (all blanks)
15-17	place	xxφ (unknown)
18-21	illus code	φφφ
22	target audience	φ (unknown)
23	form of item	φ (none of those listed)

Leader		
12-16	base address of data	system supp
17	encoding level	z (not applic)
18	desc cataloging form	ϕ (non ISBD)
19	linked record req	ϕ (no)
20	length-of-field-length	4
21	starting ch position len	5
22	imp defined position len	0 (zero)
23	undef ent map char posn	0 (zero)

008		
24-27	contents	ϕϕϕϕ(no specified type)
28	gov pub	u (unknown)
29	conference	
30	festschrift	
31	index	
32	undefined	ϕ
33	fiction	
34	biography	
35-37	language	und (undetermined)
38	modified rec	ϕ (no)
39	cat source	u (unknown!)

Libraries select (1) which data elements are output to the MARC records, and (2) the field tags and subfield codes to which data is mapped.

Data Element	Format	GOBI Default	Default For III	III Loads As
ISBN	10 or 13 characters	020 \$a		
Author	up to 50 characters	100 \$a		
Title	up to 100 characters	245 \$a		
Edition	up to 20 characters	250 \$a		
Place of Publication	up to 100 characters	260 \$a		
Publisher	up to 100 characters	260 \$b		
Year of Publication	yyyy	260 \$c		
Series Title	up to 100 characters	490 \$a		
Date Ordered	yyyymmdd	984 \$a	–	–
Time Ordered	hhmmss	984 \$b	–	–
GOBI order key for III applications for Voyager applications	11 characters	982 \$a – 024 \$a	– 961 \$i –	– VEN ID # –
GOBI UID	up to 9 digits	987 \$a	–	–
Vendor Code	YBP-US or YBP-UK	984 \$c	–	–
Subaccount Number	6 or 7 digits	982 \$b	961 \$m	VEN ACCT #
Item PO Number	up to 16 characters	982 \$c	–	–
Binding	paper or cloth	982 \$d	–	–
Initials	up to 10 characters	982 \$e	961 \$f	SELECTOR
Quantity	up to 3 digits	980 \$g	960 \$o	COPIES/QTY
Fund Code	up to 10 characters	981 \$b	960 \$u	FUND
Volume Number	up to 3 characters	993 \$a	961 \$a	IDENTITY
List Price	qty 1 price at time of export up to 8 characters nnnnn.nn	980 \$b	960 \$s	E PRICE
Note to YBP	up to 99 characters	982 \$f	961 \$h	VEN NOTE
eBook Purchase Option	5 characters	982 \$f	961 \$h	VEN NOTE
Group PO/"Sep By" *	up to 16 characters	981 \$a	–	–
Location Code	up to 20 characters	981 \$c	960 \$t	LOCATION
Other Local ID/Local Order #	up to 20 characters	981 \$d	–	–
Local Data 1	up to 80 characters	985 \$a	960 \$v	VENDOR
Local Data 2	up to 80 characters	985 \$b	961 \$c	NOTE
Local Data 3	up to 80 characters	985 \$c	961 \$d	INT NOTE

Data Element	Format	GOBI Default	Default For III	III Loads As
Local Data 4	up to 80 characters	985 \$d	–	–
Currency of Price	ISO code	980 \$z	960 \$z	CURR CODE

* Used to assign items to invoices. Requires special account set-up. For authorized accounts, this data element appears on GOBI as “invoice sort”.

NOTES ON PARTICULAR ILS

Ex Libris Aleph: Libraries using the Aleph integrated library system should use the following EOCR mappings:

GOBI Field	MARC Field
GOBI UID (title ID)	035 \$b
Location	049 \$a
Order date	980 \$a
List price	980 \$b (explicit decimal)
GOBI order key	980 \$f
Quantity	980 \$g
Fund (budget) code	981 \$b
Local data 1 (internal library note)	981 \$d
Initials	981 \$e
Note to vendor	981 \$h

Ex Libris Alma: The preferred GOBI order workflow for Alma libraries is GobiAPI. However libraries may choose to implement EOCRs instead. Libraries using EOCRs with the Alma integrated library system can implement the default MARC field tags and subfield codes for each data element.

Ex Libris Voyager: Libraries using the Voyager integrated library system can implement the default MARC field tags and subfield codes for each data element, except the GOBI Order Key. For Voyager, the GOBI Order Key should be mapped to 024 \$a and loaded as the Voyager ‘Title number,’ which then serves as a match point for cataloging record overlay and/or invoicing. EOCR settings are configured in Voyager’s Bulk Import Loader.

Innovative Interfaces Millennium or Sierra:

- EOCRs are not typically the preferred workflow for Innovative Millennium or Sierra libraries, since the Innovative order number is required for subsequent cataloging record and electronic invoice matching, and item record creation. If a library chooses to use the EOCR workflow, the GobiLink process may be required, to return the Innovative order number to GOBI Library Solutions after the order has been created in III. See separate document detailing the GobiLink process.
- Libraries using Innovative systems typically load EOCRs thru the III ‘MARC loader without invoice data’. Most implementations of this loader require that non-bibliographic data be coded in 96x fields as shown in the III column of the

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field selection and tagging chart above. The ‘III loads as’ column shows the name of the III field to which this data loads thru a standard ‘MARC loader without invoice data’. Libraries using III systems are urged to check their local load capabilities with their customer service contact at III.

- Vendor codes are the codes used in the library’s local system to specify GOBI Library Solutions. A library-supplied vendor code can be output in any GOBI local data field and mapped to 960 \$v for output. Many III libraries choose to record the code in Local Data 1 on the GOBI screen. Other libraries have GOBI Library Solutions derive the III vendor code from the subaccount number on which the order was placed.

Koha: Currently Koha allows import of the following fields via EOCRs:

- Price
- Quantity
- Budget code
- Sort1
- Sort2

Other data can be input into GOBI and output into EOCRs, but will only appear in the Koha MARC record, not be loaded into the Koha order record. Libraries may choose whatever MARC mappings they prefer and configure the details in Koha.

OCLC WMS: Currently WMS allows the import of the following fields via EOCRs, using these specified 9xx fields:

GOBI field	MARC Field	Loads to WMS as
OCLC number	035 \$a	OCLC number
Location or local data field	949 \$h	Branch (WorldCat Registry ID)
Location or local data field	949 \$l	Shelving Location
Fund code	949 \$p	Fund Code
Quantity	949 \$q	Quantity
List price	980 \$b (with explicit decimal)	Price
Currency code	980 \$z	Currency of PO
GOBI subaccount	981 \$g	Account Number
Local data field	981 \$i	Library Item Note
GOBI Order Key	981 \$z	Vendor Order Item Number

SirsiDynix Unicorn or Symphony: Libraries using EOCRs with Unicorn or Symphony must map the following data elements to the same 9xx field, but different subfields:

- Fund
- Holding code
- Quantity

If a library loads EOCRs and desires EDI invoicing, the library must create single-line-item purchase orders, using the GOBI Order Key as the Unicorn/Symphony purchase order number. That way GOBI Library Solutions has a predictable PO number and line item number for invoice matching.

PRICE DETAILS IN EOCRS

The presentation of pricing information in EOCRs may differ from that displayed on GOBI, reflecting the currency parameters of a library's integrated library system rather than standard GOBI defaults. For titles listed in GOBI, treatment is keyed to (1) the 'origin' of the selected record, (2) the 'affiliation' of the subaccount specified in the selection and (3) the currency in which that subaccount is invoiced.

The 'origin' of the record is the source from which the record is selected for order – directly from an electronic file of approval slips or from the general GOBI database. If the record is selected directly from an electronic file of approval slips, the list price is the price displayed in GOBI for the country of origin of the slip: the US price for slips generated on GOBI Library Solutions approval plans, the UK price for slips from UK plans. For items selected through GOBI generally rather than from an approval plan slip file, price selection is based on the US/UK 'affiliation' of the ordering subaccount. If GOBI does not show a price for the country of affiliation of a subaccount, 0.00 is output as the list price. Unlisted titles are handled in the same way except that the price and currency input by the library are returned, unaltered, in the EOCR.

Once the appropriate list price is identified, the EOCR software then determines the currency in which to output the selected price. The currency is that in which the subaccount is invoiced – USD, GBP, HKD, AUD, etc. Currency conversions are made using the conversion rate in force for invoices created on the day of EOCR creation. For unlisted titles, the price and currency data entered by library personnel are output unaltered in the EOCR.

Example:

Pricing information is mapped to the following fields and subfields:

960	\$s	list price (explicit decimal)
	\$z	currency code (appropriate ISO currency code)
961	\$m	subaccount (nnnnnn)
984	\$c	source of price, YBP-US or YBP-UK

An item with a US list price only:

- Ordered from an electronic YBP-US slip file against a subaccount invoiced in AUD would generate an EOCR containing the US list price converted to AUD for output in 960 \$s and include 984 \$c YBP and 960 \$z AUD.
- Ordered from the general GOBI database against a YBP-UK-affiliated subaccount invoiced in GBP would generate an EOCR containing 0.00 for output in 960 \$s and include 984 \$c YBP-UK and 960 \$z GBP.

PRICING AND IMPLEMENTATION

GOBI Library Solutions offers the EOCR service for an annual subscription fee. For further information or to request setup, please contact your GOBI Library Solutions Sales or Customer Service representative.