UCSB Business Services

<!-- function MM_swapImgRestore() { //v3.0 var
i,x,a=document.MM_sr; for(i=0;a&&i<a.length&&
(x=a[i])&&x.oSrc;i++) x.src=x.oSrc; } function
MM_preloadImages() { //v3.0 var d=document;
if(d.images){ if(!d.MM_p) d.MM_p=new Array(); var
i,j=d.MM_p.length,a=MM_preloadImages.arguments;
for(i=0; i<a.length; i++) if (a[i].indexOf("#")!=0){
d.MM_p[j]=new Image; d.MM_p[j++].src=a[i];}} }
function MM_swapImage() { //v3.0 var
i,j=0,x,a=MM_swapImage.arguments;
document.MM_sr=new Array; for(i=0;i<(a.length-
2);i+=3) if ((x=MM_findObj(a[i]))!=null)
{document.MM_sr[j++]=x; if(!x.oSrc) x.oSrc=x.src;
x.src=a[i+2];} } //--> contacts

| faqs | forms | search | site map |

Specifications for Interface Files in New BARC

General Information | Steps for Creating & Submitting Interface Files | File Layout

General Information

- Interface files need to contain one record for each transaction. No blank lines are allowed (with the possible exception of the last line).

- The fields within a record need to be delimited with commas.

- If a field is optional and you are not supplying a value, there needs to be at least one blank in the position that this field occupies and the comma delimiter must still be present.

- Fields do not need to be padded with blanks to force the field to contain the maximum length, but padding is acceptable.

- A file layout with additional details for each field is provided below.

Steps for CREATING INTERFACE FILES

1. Logon to the BARC system and select the *Interface File Submission* menu option.

2. At the *Interface File Submission* screen, click on the *Assign New* button to get a new batch control number (i.e. Batch ID).

3. Generate the interface file using the *File Format Layout* described below putting the Batch ID you obtained in Step #2 in the Batch ID field in the file. The format of the file name should be

    batchid.dat (e.g. 23.dat for batchid = 23).

Steps for SUBMITTING THE INTERFACE FILES

Open the document *BARC Electronic Interface File Submission* for instructions on how to submit your files once they have been created.

File Layout for Interface Files

Field Name	Required?	Length	Format	Comments
Batch ID	Yes	8	nnnnnnnn	Assigned by BARC. Refer to General Info above about padding fields.
SequenceNumber	Yes	8	nnnnnnnn	Assign sequentially, starting with 1. Refer to General Info above about padding fields.
ARIdentifier	Yes, if no SRIdentifier supplied	7 + 1	nnnnnnnn	Identifier for the BARC System. Field is 7 digits long plus an optional check digit that will be used to verify the Identifier, if

				present.
SRIdentifier	Yes, if no ARIdentifier supplied	6 + 1	nnnnnnn	Identifier for the Student System Field is 6 digits long plus an optional check digit that will be used to verify the Identifier, if present.
Class Code	Yes	4	nnnn	May be a summary class code if transaction is a summarized registration fee.
Amount	Yes	10	zzzzzzz.99	Decimal point needs to be included. Cannot be 0.00.
Amount Credit Indicator	No	1	blank or -	A blank indicates that this is not a credit.
Action Code	No	1	0 - Adjust 1 - Cancel 2 - Ret Chk (Cashier use only) 3 - Correct 4 - Withdraw (Registrar use only) 6 - Unassess (Registrar use only)	Normally blank. For codes 0 to 6, there must be an original transaction on the account before any adjustment, cancel, correction, withdrawal or unassess will be accepted. If an action code is provided, the translation will be appended to the transaction description.
Term	Certain transactions - see comments	5	YYYYQ, for Q: 1 = Winter 2 = Spring 3 = Summer 4 = Fall	Term is required for transactions related to Registration Fees and Financial Aid or if enrollment codes are used. Otherwise, it is optional.
Dept Reference #	No	20	Any	Reserved for reference # only - use Remarks for comments.
Enrollment Code	No	5	nnnnn	See schedule of classes.
Short Term Loan #	For Short Term Loans only	6	xxnnnn	For Financial Aid and BARC use only.
Summary Class Code	For RegFees and EdFees	4	nnnn	For Registrar use; used to summarize detail transactions into one line for display purposes.
Statement Bill Date	No	10	mm-dd-yyyy	For BARC use only.
Sponsored SR Identifier	For Agency Billing Only	6+1	nnnnnnn	Agency account transactions should contain the SR Identifier of the sponsored student. Field is 6 digits long plus an optional check digit that will be used to verify the Identifier, if present.
Agency AR Identifier	For Agency Billing Only	7+1	nnnnnnnn	Sponsored student transactions should contain the sponsoring agencys AR Identifier. Field is 7 digits long plus an optional check digit that will be used to verify the Identifier, if present.
Remarks	No	253	Any	Embedded commas are not allowed.

⬆ Back to Top

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