

# WEEKLY SQL REPORTS

As of 8/20/04, revised 8/23/04, revised 9/7/04, revised 10/25/04

These reports are done first thing on Monday. They can be run from any PC with SQL Advantage installed.

Run all the reports first and then you can close SQL Advantage. Then format (if necessary) and email the various reports. This way multiple reports going to the same person can be sent in the same email.

If report is empty do not save.

Run these reports by opening this document and highlighting, copying and pasting the script into SQL Advantage. All scripts begin with either the word 'select' or 'create'.

Document location: \\ \Technology\Horizon SQL & ReportSmith\Weekly Tasks\CURRENT weekly SQL reports.doc

## 1. Identify borrowers with notices not progressing – E-mail report as is to

```
create table fix_notices(borrower# int, reference# int, item# int null, total
int)
insert fix_notices(borrower#, reference#, total)
select borrower#, reference#, count(*) from burb where block = 'notice1'
group by borrower#, reference# having count(*) > 1 order by 1
update fix_notices set bn.item# = b.item# from burb b, fix_notices bn where
b.reference# = bn.reference# and b.ord = 0
select * from fix_notices where borrower# not in (select distinct borrower#
from burb where block = 'pcr')
drop table fix_notices
```

Save to \\ \technology\Horizon SQL & ReportSmith\Circulation\fix notices\current date.txt

## 2. Place a 'PCR' block in burb of borrower's identified in script 1. – Technology Staff NOTE: Run this script for each borrower number in the first script. Take the borrower# and insert where the arrows are in this script, removing the 106 number. This will put the 'PCR' block in the borrowers record.

```
begin tran
declare @ref int, @borrower int, @date int
select @borrower = 106 --<< BORROWER
select @date = datediff(dd,'1jan70',getdate())
exec inc_newkey burb
select @ref = (select newkey from newkey where table_name = 'burb')
insert burb (borrower#, reference#, ord, date, block)
values (@borrower, @ref, 0, @date, 'pcr')
commit tran
```

3. This will give you a list of borrower numbers and their credit amount in pennies. – E-mail report as is to

```
select borrower#,amount from burb where block = "credit"
```

Save to \\ \technology\Horizon SQL & ReportSmith\Circulation\Credit Block\credit block current date.txt

4. This will give you a list of borrower numbers that have a credit block and still owe money converted in to dollars. – E-mail report as is to

```
select borrower#,convert (money, sum (amount))/100 from burb where borrower# in (select borrower# from burb where block = "credit") group by borrower# having sum (amount) >0
```

Save to \\ \technology\Horizon SQL & ReportSmith\Circulation\Credit Block\current date also owe.txt

5. Identify borrower records with an e-mail address but nothing in the e-mail name field – E-mail report as is to

```
select borrower#, email_name, email_address from borrower_address where email_address is not null and email_name is null
```

Save to \\ \technology\Horizon SQL & ReportSmith\Circulation\email address\current date email address.txt

6. Purchase Alert – E-mail Excel report to      and if juvenile items are listed

```
Select
count(*) 'Requests',
convert( int,
(Select count(*)
from item
where item.bib# = t.bib#)
) 'Copies',
count(*) / convert( int, (Select count(*) from item where item.bib# = t.bib#)) 'Ratio',
t.bib# 'Bib Number',
convert( varchar(7), (select min(collection) from item where bib# = t.bib#)) 'Collection',
substring(t.processed, 1, 30) 'Title'
from
title t,
request r,
borrower b
where
r.bib# = t.bib#
and r.borrower# = b.borrower#
group by
t.bib#
having count(*) > 1
order by
3 desc, 4
go
```

Save to \\      \technology\Horizon SQL & ReportSmith\Acquisitions\Purchase Alerts\current date.txt and also format as Excel