

Subject: MCR-10059, Change biller.ec to specify 4-digit years when it tells admin how to run bills
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Problem Description

The administrative `exec_com`, `biller.ec` is used when preparing, running, and accepting the bills. The accounting administrator prepares the bills by executing:

```
ec master bill prepare
```

or by running the corresponding command under the limited service subsystem for the accounting administrator.

This command prepares for accounting data for running the builds. It provides the administrator with a little help in running the bills by including this line in the `exec_com`:

```
&print $$$ arguments for bill run are mm dd yy bxxxxx
```

Now that the billing commands correctly handle 4-digit years, and don't correctly handle 2-digit years, this line should be updated to read:

```
&print $$$ arguments for bill run are mm dd yyyy bxxxxx
```

Running the bills is performed using this command line (updated to use a 4-digit year):

```
ec master bill run 05 25 2019 <optional-voucher>
```

Ticket <http://multics-trac.swenson.org/ticket/117> describes this enhancement suggestion.

Proposed Changes

The proposed change is to change the line:

```
&print $$$ arguments for bill run are mm dd yy bxxxxx  
to:
```

```
&print $$$ arguments for bill run are mm dd yyyy bxxxxx
```

A comparison of the installed `>t>biller.ec` and the updated one follows:

```
cpa >t>biller.ec >udd>sa>a>biller.ec
```

```
A36      &print $$$ arguments for bill run are mm dd yy bxxxxx  
Changed by B to:  
B36      &print $$$ arguments for bill run are mm dd yyyy bxxxxx
```

```
Comparison finished: 1 difference, 2 lines.  
r 14:02 0.106 2
```

Documentation

No documentation is required.

Testing

I've been running the updated biller.ec for many months and always invoke the "ec master bill run" command with a 4-digit year.

Version History

Date	Revision	Author	Comment
2019-05-25	1.0	Eric Swenson	Initial revision of the MCR.