

ACP Software Change Log

Found below are the changes made to ACP that are “custom” and must be implemented with each new installation or Upgrade of ACP.

June 27th 2017

(aaa.js) function main() {

```
// RAR = RightAscensionRate
Console.WriteLine("Has RAR? " + Telescope.CanSetRightAscensionRate);
Console.WriteLine("RAR=" + Telescope.RightAscensionRate);

}
```

According to the LCOGT driver RightAscensionRate is an available property which returns “true.” However when the RAR is set... the LCOGT driver replies “input String in the wrong format”

In AcquireSupport.wsc a hard coded change was made to make this a fixed “false” so that no error occurs.

If Telescope.CanSetTracking And Telescope.CanSetRightAscensionRate And Telescope.CanSetDeclinationRate Then

```
    If False Then
        c_haveTrackOffset = True
        Util.Console.WriteLine "Mount supports tracking rate offsets"
        x = False
        Err.Clear
        On Error Resume Next                                ' Catch errors
here
        If Telescope.RightAscensionRate <> 0.0 Then
Telescope.RightAscensionRate = 0.0
            If Err.Number <> 0 Then x = True                ' Oops this
one failed
            Err.Clear
            If Not x Then                                    ' Only if the
RightAscensionRate went OK, try DeclinationRate
                If Telescope.DeclinationRate <> 0.0 Then Telescope.DeclinationRate
= 0.0
                    If Err.Number <> 0 Then x = True
            End If
            On Error GoTo 0
            '
            ' If x is True, then one of the above failed, probably for tracking
state.
            ' If tracking is off then turn it on and re-do the above. This time
```

```
the
    ' actions really should succeed. It is a fatal script error if they
don't.
    ,
    If x Then
        y = Telescope.Tracking                               ' Preserve
current tracking state
        If Not y Then Telescope.Tracking = True             ' Turn it on
for these rate initializations
        If Telescope.RightAscensionRate <> 0.0 Then
Telescope.RightAscensionRate = 0.0
        If Telescope.DeclinationRate <> 0.0 Then Telescope.DeclinationRate
= 0.0
        If Not y Then Telescope.Tracking = False           ' If tracking
was off, turn it back on
    End If
    c_trackOffset = False
```

From:
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Last update: **2017/06/27 15:08**

