

# “Q” filters in SDA2

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## 1 Internal Help File Program Descriptions from SDA2

Documentation about the tools that live in this directory:

### Note

There has been an effort to upgrade the various filters listed here. Those filters that have been upgraded have had a “Q” appended to their name if there was room or had the last character of their name changed to a “Q” if appending a letter would violate the 8.3 naming convention.

In this set of documentation the old and new names may appear depending on the software update schedule. (And any documentation errors that may occur!)

#### 1. DLE2T

\$ Header: d:/Binder4/sda2/RCS/dle2t.l,v 1.1 2009-05-05 11:14:01-07 Hamilton Exp Hamilton \$  
DLE2T is used to process files generated by MS to get the delta between  
dCe to dTe items in the total seconds column. The data may have been  
processed by FixD.l first if desired. It may not have been processed with  
MSX first.

#### 2. DLT2E

\$ Header: d:/Binder4/sda2/RCS/dlt2e.l,v 1.1 2009-05-05 11:13:52-07 Hamilton Exp Hamilton \$  
DLT2E is used to process files generated by MS to get the delta between  
dTe to dCe items in the total seconds column. The data may have been  
processed by FixD.l first if desired. It may not have been processed with  
MSX first.

#### 3. GETPLACE

\$ Header: d:/Binder4/sda2/RCS/GetPlacq.l,v 1.1 2008-09-16 09:39:56-07 Hamilton Exp Hamilton \$  
GetPlace is used to extract all pan/tilt readouts from a file.

#### 4. GETSPEED

\$ Header: d:/Binder4/sda2/RCS/GetSpeeq.l,v 1.1 2008-09-16 09:44:14-07 Hamilton Exp Hamilton \$  
GetSpeed is used to extract all lines from a file with the words ' Pan  
Speed' in them. (Note the leading blank.)

#### 5. IDIT

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<sup>1</sup>\$Header: d:/Binder4/sda2/RCS/DocSda2.tex,v 1.2 2009-06-24 12:28:56-07 Hamilton Exp Hamilton \$

\$ Header: d:/Binder4/sda2/RCS/IdItq.l,v 1.1 2008-09-16 09:56:26-07 Hamilton Exp Hamilton \$  
 IdIt is used to get the device ID and breakdown standard commands. It  
 only pays attention to DCE type data. I.e. All DTE data is thrown away.

Decoding data comes from the Vicon publication 'RS-422 Receiver  
 Communications Protocol' Part Number 8015-5812-02-00 Rev 404 with  
 copyright dates of 1994, 2003.

#### 6. IDSTATUS

\$ Header: d:/Binder4/sda2/RCS/IdStatuq.l,v 1.1 2008-09-16 10:05:30-07 Hamilton Exp Hamilton \$  
 IdStatus is used to get the device status from camera responses.

#### 7. JUSTSPED

\$ Header: d:/Binder4/sda2/RCS/JustSpeq.l,v 1.1 2008-09-16 10:15:34-07 Hamilton Exp Hamilton \$  
 JustSped is used to extract only pan speeds from a .SPD file.

#### 8. JUSTTIME

\$ Header: d:/Binder4/sda2/RCS/JustTimq.l,v 1.1 2008-09-16 10:17:31-07 Hamilton Exp Hamilton \$  
 JustTime is used to extract just the times from data capture files which  
 have been run through jj.bat and is the .BL output of jj.bat.

#### 9. MAKECMND

\$ Header: d:/Binder4/sda2/RCS/MakeCmnq.l,v 1.1 2008-09-16 10:20:31-07 Hamilton Exp Hamilton \$  
 MakeCmnd is used to process 7 byte D Protocol commands into a format  
 usable by the GlassKeyboard. It also adds delays where needed.

#### 10. MAKED

\$ Header: d:/Binder4/sda2/RCS/MakeDq.l,v 1.1 2008-09-16 10:24:28-07 Hamilton Exp Hamilton \$  
 MakeD, not too clear what this does. (But is preserved anyway.)

#### 11. MM

\$ Header: d:/Binder4/sda2/RCS/MMq.l,v 1.1 2008-09-16 10:28:39-07 Hamilton Exp Hamilton \$  
 MM is an alternate version of MakeCmnd which is used to process 7 byte D  
 Protocol commands into a format usable by the GlassKeyboard. It also adds  
 delays where needed.

The difference between MM and MakeCmnd is that with this version, the  
 standard header for the GlassKeyboard is not generated.

#### 12. NOENDF8

\$ Header: d:/Binder4/sda2/RCS/NoEndF8q.l,v 1.1 2008-09-16 10:30:54-07 Hamilton Exp Hamilton \$  
 NoEndF8 is used to strip off all F8 codes on the end of lines.

#### 13. NOSTATUS

\$ Header: d:/Binder4/sda2/RCS/NoStatuq.l,v 1.1 2008-09-16 10:32:59-07 Hamilton Exp Hamilton \$  
 NoStatus deletes all lines in a file that have the word 'Status' in them.

#### 14. ONELINE

\$ Header: d:/Binder4/sda2/RCS/OneLineq.l,v 1.1 2008-09-16 10:35:13-07 Hamilton Exp Hamilton \$  
 OneLine is used to convert files processed with MS (originally MakeSecs)  
 into one line of Cohu interpreted data.

#### 15. PANCLEAN

\$ Header: d:/Binder4/sda2/RCS/PanCleaql.v 1.1 2008-09-16 10:37:03-07 Hamilton Exp Hamilton \$  
PanClean is used to get rid of invalid capture records that result from  
RS-485 fooling around during line seizure, etc.

#### 16. PANDUMP

\$ Header: d:/Binder4/sda2/RCS/PanDumpq.l,v 1.1 2008-09-16 10:38:39-07 Hamilton Exp Hamilton \$  
PanDump is used to get rid of extra stuff to the left of a command, etc.

#### 17. PANHTOA

\$ Header: d:/Binder4/sda2/RCS/PanHtoAq.l,v 1.1 2008-09-16 10:42:35-07 Hamilton Exp Hamilton \$  
PanHtoA is used to convert Panasonic data captures from Hexidecimal to  
ASCII.

#### 18. PANINTRP

\$ Header: d:/Binder4/sda2/RCS/PanIntrq.l,v 1.1 2008-09-16 10:45:29-07 Hamilton Exp Hamilton \$  
PanInTrp is used to interperet Panasonic commands into real words.

#### 19. PROCDEC

\$ Header: d:/Binder4/sda2/RCS/ProcDECq.l,v 1.1 2008-09-16 10:52:55-07 Hamilton Exp Hamilton \$  
ProcDce is used to process Vicon data captures that have been first  
processed by MS (oritinally MakeSecs) and then by GetDce. The result will  
be first bytes of commands being followed by the rest of the command on  
each line.

#### 20. PTVALS

\$ Header: d:/Binder4/sda2/RCS/PtValsq.l,v 1.1 2008-09-16 10:56:11-07 Hamilton Exp Hamilton \$  
PTvals is used to take D Protocol capture files that have been processed  
with: MSx (originally MakeSecx), GetDce, FixD, \isc{GetPT} and  
\isc{DMPShort}. It then reads the output of DMPShort and generates a file  
of pan/tilt values. Used with the DynaPel problem.

#### 21. PTZVALS

\$ Header: d:/Binder4/sda2/RCS/PTZvalsq.l,v 1.1 2008-09-16 10:58:39-07 Hamilton Exp Hamilton \$  
PTZvals is used to take D Protocol capture files that have been processed  
with: MSX (originally MakeSecx), GetDce, FixD, GetPT and DMPShort. It  
then reads the output of DMPShort and generates a file of pan/tilt  
values. Used with the DyanPel problem.

#### 22. RCNT

\$ Header: d:/Binder4/sda2/RCS/Rcntq.l,v 1.1 2008-09-16 11:02:09-07 Hamilton Exp Hamilton \$  
Rcnt outputs the current ling number when it is different from the  
preceeding line and has a 0x7e in it. It is unclear why.

#### 23. TASSDECD

\$ Header: d:/Binder4/sda2/RCS/TassDECq.l,v 1.1 2008-09-16 11:10:09-07 Hamilton Exp Hamilton \$  
TassDecd is used to decode TASS protocol messages that have been  
processed by TassFix.

#### 24. TASSFIX

\$ Header: d:/Binder4/sda2/RCS/TassFixq.l,v 1.1 2008-09-16 11:11:53-07 Hamilton Exp Hamilton \$  
TassFix is used to break down the output of Makesecs into TASS messages.

#### 25. TASSINTP

26. VICON01

## 27. VICON03

28. VICON03

29. VICON01x

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