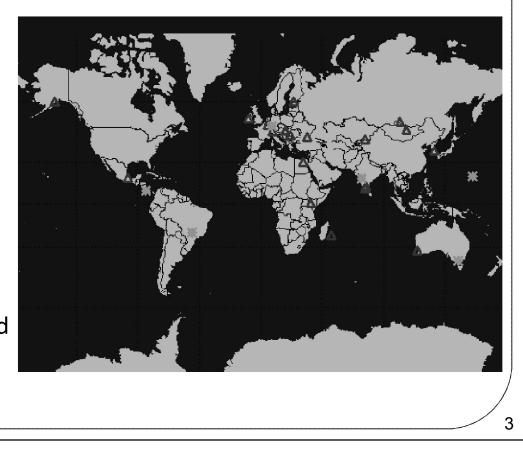
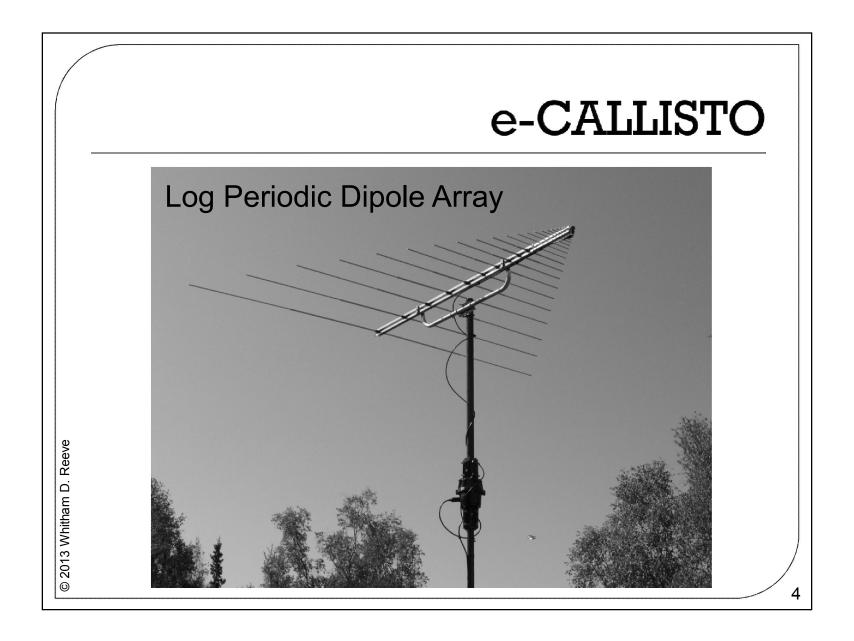
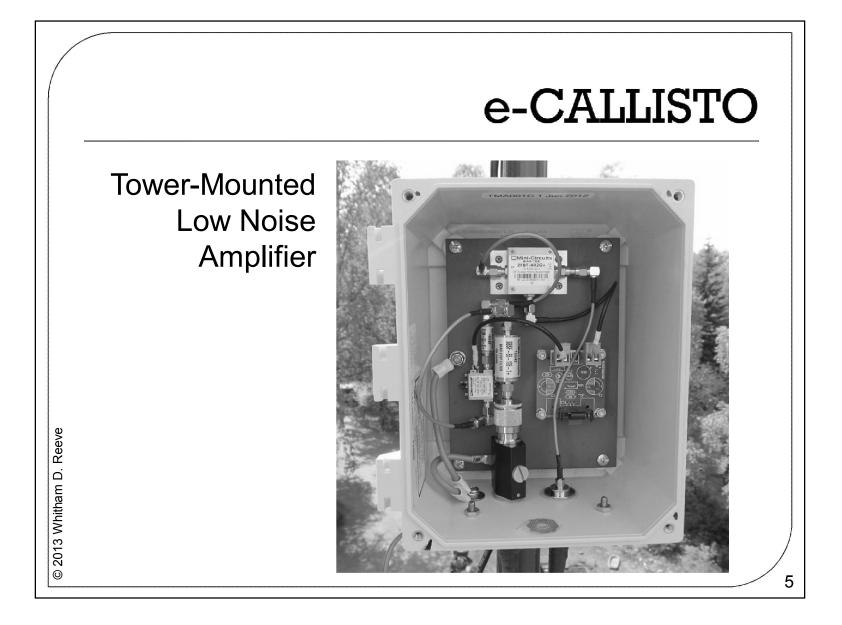


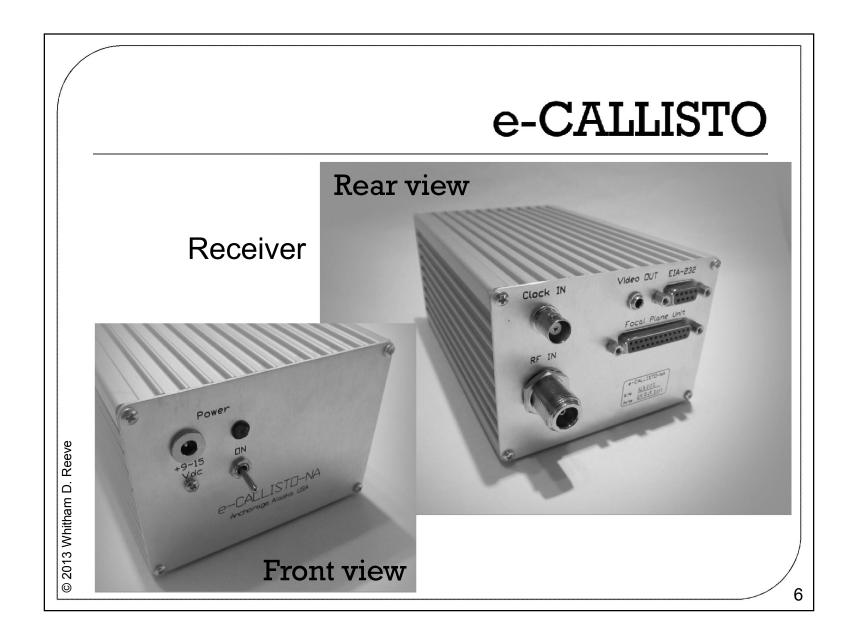
## e-CALLISTO

 e-CALLISTO Solar
 Spectrometer
 Network:
 extended <u>C</u>ompound
 <u>A</u>stronomical
 <u>L</u>ow-cost
 <u>L</u>ow-frequency
 <u>I</u>nstrument for
 <u>S</u>pectroscopy and
 <u>T</u>ransportable
 <u>O</u>bservatory







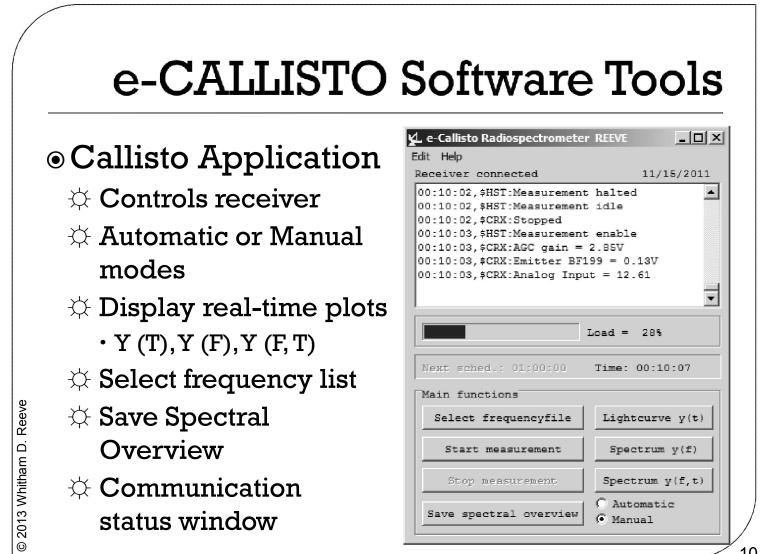




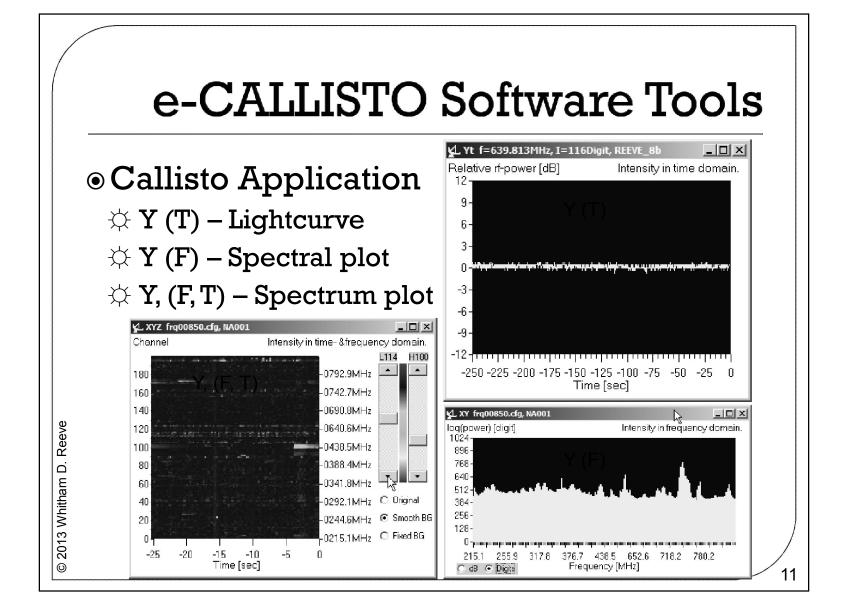


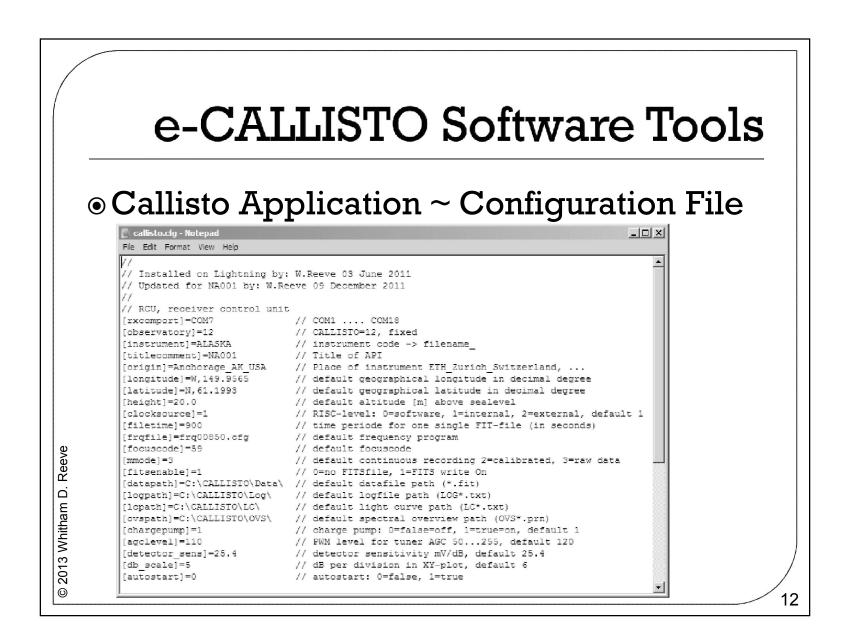
## e-CALLISTO Software Tools

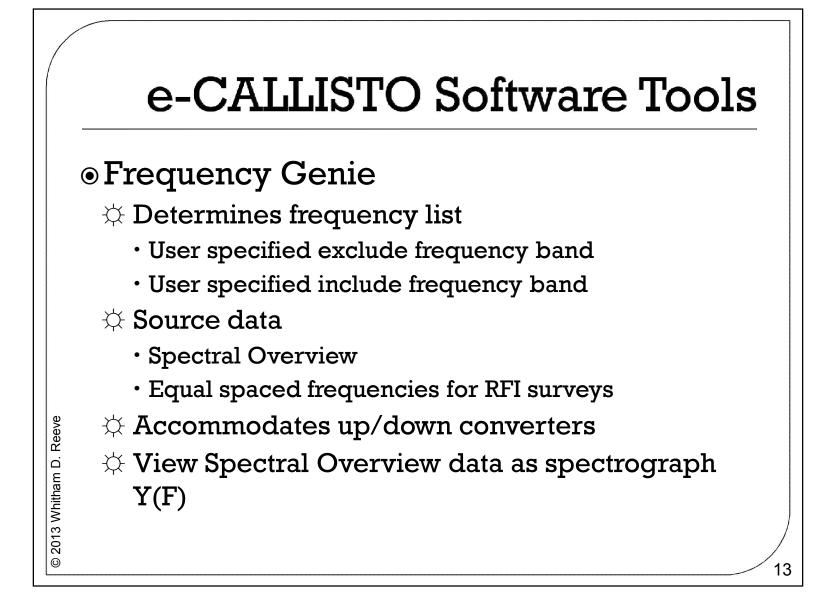
Application program	Developer	Remarks
<u>Primary</u>		
Callisto	C. Monstein	Receiver control, data collection, data processing
Operation Support		
Frequency Genie	C. Monstein	Produce frequency list based on local spectrum and RFI
Scheduler Genie	C. Monstein	Produce observation schedule based on observatory location
Web Genie	C. Monstein	Produce solar radio lightcurve for posting on website
Data upload		
FTP-WatchDog	Tools&More	Controls data upload to a website or data server
FITS viewer		
RAPP Java FITS Viewer	P. Messmer	Local viewing of FITS files as spectrograms
Interactive Data Language – IDL	Exelis	Customization of plots through the use of scripts as well as data analysis. Expensive
Time-keeping		
SymmTime	Symmetrico m	Periodically update PC time-of-day clock using NTP
NISTime32	NIST	Alternate to SymmTime
MasterSync	MasterClock	Alternate to SymmTime
Receiver test		
Simple 1	C. Monstein	IF transformer tuning aid
Simple 2	C. Monstein	Alternate to Simple 1 that logs measurements
FC-Noise Test Tool	C. Monstein	Control wiring test, noise figure and log detector slope measurements
Noise Figure	C. Monstein	Alternate to FC-Noise Test application for noise figure measurement only
AlaVar	Alamath	Receiver time stability characteristic measurement



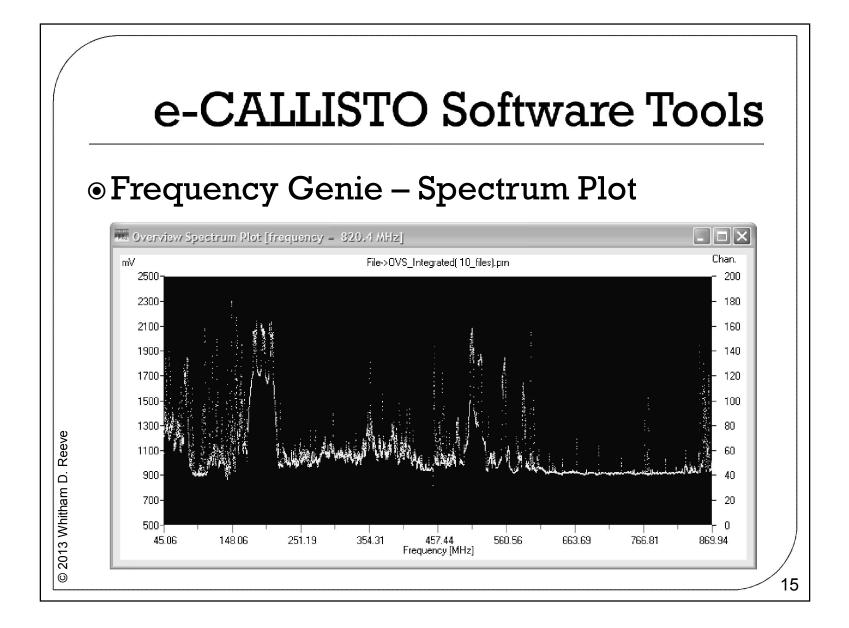
	Load = 28%
Next sched.: 01:00:00	Time: 00:10:07
Main functions	
Select frequencyfile	Lightcurve y(t)
Start measurement	Spectrum y(f)
Stop measurement	Spectrum y(f,t)
Save spectral overview	O Automatic O Manual
	10

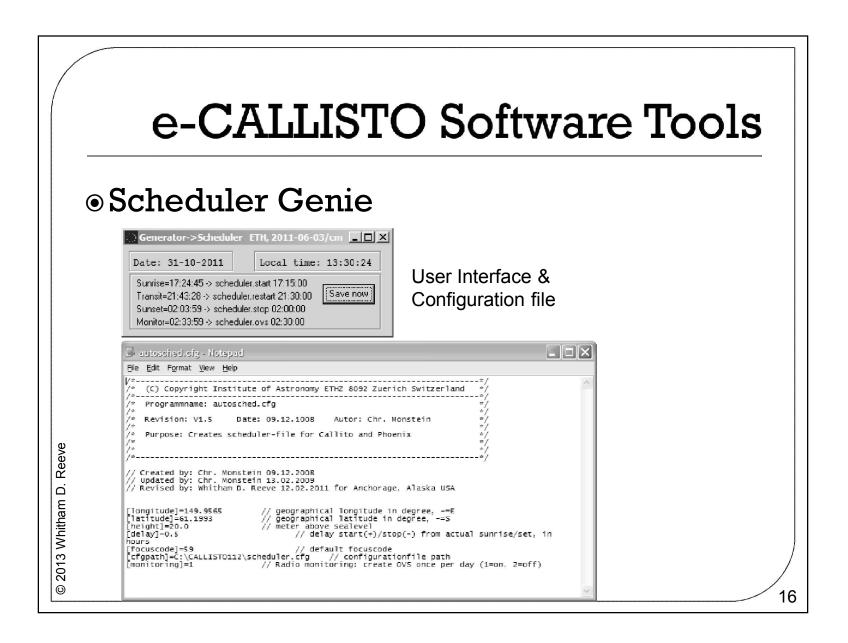




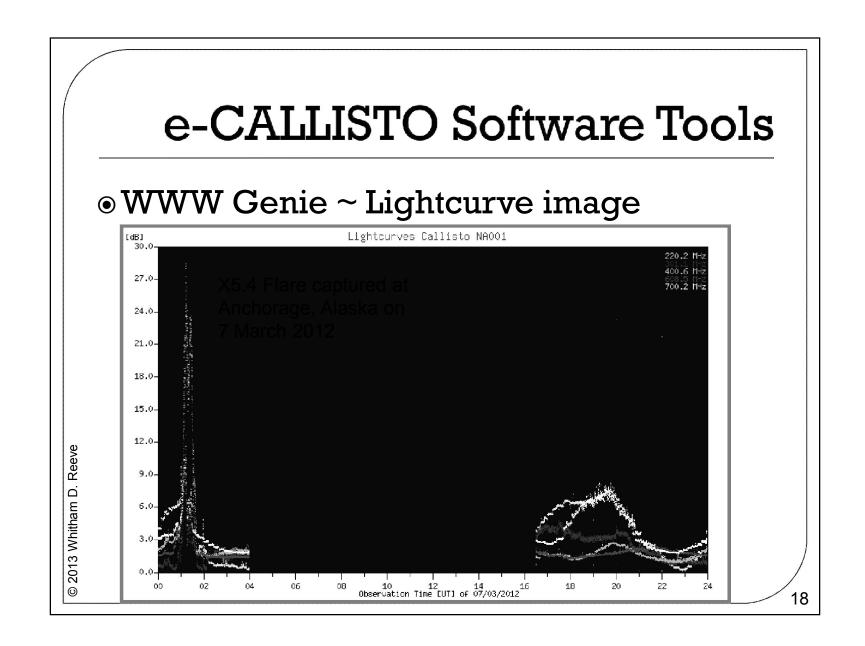


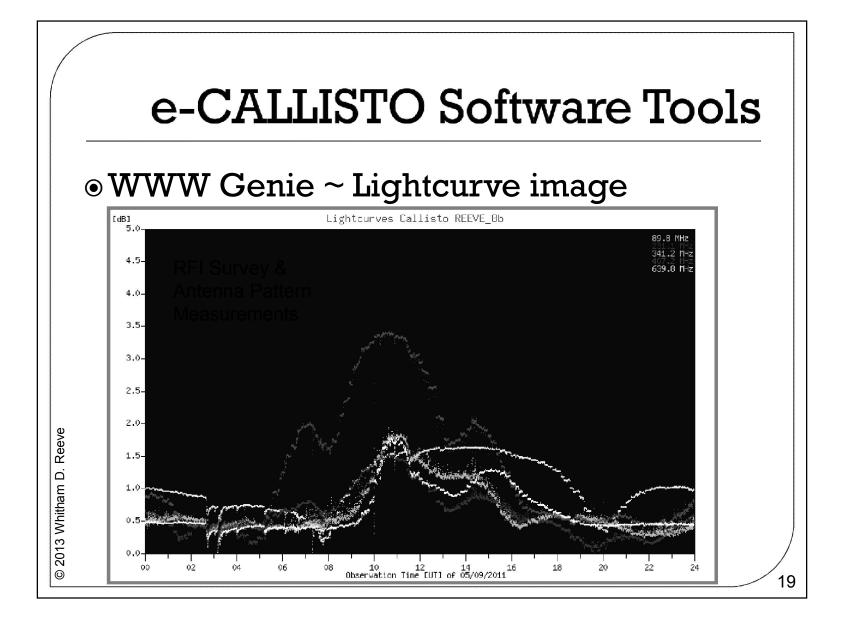
e-CALLISTO Software Tools • Frequency Genie – User Interface						
Frequency range to from from from from from from from from	exclude:     Redraw       Imethod:     Imethod:       stter:     Imethod:       (USB)     Imethod:       200     Imethod:       1     Imethod:       1     Imethod:       200     Imethod:       1     Imethod:       200     Imethod:       1     Imethod: <td>ISTO114_8</td> <td>File(s): Integrate Delete OVS_ALASKA_REEVE_8b</td> <td>20110401_120000.pm 20110403_120000.pm 20110403_120000.pm 20110404_120000.pm 20110405_120000.pm 20110406_120000.pm 20110406_120000.pm 20110409_120000.pm 20110410_120000.pm 20110411_120000.pm 20110412_120000.pm 20110413_120000.pm 20110415_120000.pm 20110415_120000.pm 20110416_120000.pm 20110418_120000.pm 20110418_120000.pm 20110418_120000.pm</td> <td></td>	ISTO114_8	File(s): Integrate Delete OVS_ALASKA_REEVE_8b	20110401_120000.pm 20110403_120000.pm 20110403_120000.pm 20110404_120000.pm 20110405_120000.pm 20110406_120000.pm 20110406_120000.pm 20110409_120000.pm 20110410_120000.pm 20110411_120000.pm 20110412_120000.pm 20110413_120000.pm 20110415_120000.pm 20110415_120000.pm 20110416_120000.pm 20110418_120000.pm 20110418_120000.pm 20110418_120000.pm		





	e-CA	LLISTO	Software Tools
	⊚WWW Ge	User Interface & Configuration file	PNG plotter Callisto REEVE_8b         10/20/2011 00:40:26         Wait         C\CALLISTO114_8\LC\LC20111020_ADU_REEVE_8b.txt         C\CALLISTO114_8\LCPlotter\Plots\LightcurvesREEVE_8b.png         Fast         www.geni.exe, V1.10 2011-04-04/cm
© 2013 Whitham D. Reeve	Produces Light- curve image	<pre>// where is the config file for Callis // be careful, paths like 'H:\My Docum [configfile]=C:\CALLISTO114_8\callisto // where shall the plots be stored? [imagedir]=C:\CALLISTO114_8\LCPlotter\ // how often do you want to replot? [timer]=30 //Seconds // for which date? 0=tody, 1=yesterday [dayoffset]=0 //DateOfFile = Today-day // y-axis scaling? [yscale]=30 // d8 for non-calibrated l // data-format &amp;bit or 10bit? [adcdivider]=1 // &amp;bit=&gt;1, 10bit=&gt;4 // width of the plot expressed in pixe [width]=800</pre>	/ /offset light curves







		FTP-Verzeichnis:	
		Textdateitypen:	
e	ON GOL	Binärdateitypen: .fit	
Reeve	J-FLU	Zu ignorierende Muster:	
	P. Frank	Watchdog aktiv: 🔽 Dateinamen wandeln: Nein: Beibehalten	
Whitham	Office in	Fehler ignorieren:     Image: Construction       Sounds abspielen:     Image: Construction	
	TOOLS MORE Software Hardware Services	Autostart aktiv:	)
2013			
©			20



