



November 3, 2017

Richard Chew
7003 Valley Greens Circle
Carmel, CA

Dear Mr. Chew:

I would like to take this opportunity to thank you for your generous donation of imaging equipment for the new Imaging Observatory.

We are dedicated to providing excellence in education for our students, and your generosity will help the Educational Services achieve that mission. Our students will learn to how to process their astrophotography images they take while visiting the observatory.

Your donation is deeply appreciated; thank you again for thinking of EDCOE!

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Monsma", is written over a horizontal line.

Kevin Monsma
Deputy Superintendent
El Dorado County Office of Education

cc: Susan Carney, Board of Education Recording Secretary

Observatory Equipment Donation

June 18, 2017

Jim Gabler, Chief Docent – Community observatory

In May of this year, the observatory became the recipient of a major donation of imaging equipment for the new Imaging Observatory. The donor is Mr. Richard Chew, 7003 Valley Greens Circle, Carmel CA.

Frank Dibbell delivered the equipment to my home in late May, and on June 9th you, Frank, and I did an item-by-item inspection of each component received, matching each item with the donation list provided by Mr. Chew. The purpose of the detailed inspection was threefold: 1. To assure that all equipment on his list had been delivered, 2. Make a checklist to assure that all equipment was eventually deliverable to the observatory site, and 3. Make a detailed evaluation of current market value of each component.

Since Frank and I have a combined 60 years of experience in buying, using, and selling specialized astronomical equipment, we felt that we were best positioned to financially evaluate the value of Mr. Chew's donation. Since you are the Chief Docent, it was appropriate that you monitor the process.

Much of the equipment is difficult to evaluate without an agreed upon standard. With your concurrence, Frank and I set a discount value based on original purchase price and current condition, with items judged to be in Excellent condition discounted to 90%, equipment in Good condition at 70% and current software at 60% of original purchase price. Due to Mr. Chew's relatively recent acquisition of all of the donated equipment, and the care it received, none was evaluated at less than Good condition.

Since there is insufficient space at the observatory to securely store the equipment, I am willing to have the equipment remain securely stored in my garage until completion of the observatory or a suitable space is found at EDCOE.

The attached inventory list provides an item-by-item purchase cost and discounted value. Some additional equipment is redundant and Mr. Chew has instructed Frank to arrange for independent sale to interested astronomers not associated with the observatory or Docent staff, with the proceeds to go to the Imaging observatory fund. Please arrange with EDCOE to acknowledge acceptance of the equipment and issue a letter of thanks to Mr. Chew.

Forrest Lockhart

Attachment:

Astronomy Inventory

Description	Condition	Purch Price	Resale Price
Imaging/Cameras			
SBIG ST-10XME Camera			
SBIG ST10-XME	Good	\$6,395.00	\$4,476.50
SBIG CFW10	Good	\$895.00	\$626.50
SBIG Male to Male T-Thread Coupler	Good	\$39.00	\$27.30
Astrodon Gen2 LRGB 1.25" E-series	Good	\$405.00	\$283.50
Astrodon H-a blocking filter 5nm 1.25"	Good	\$247.50	\$173.25
Astrodon OIII filter 3nm 1.25"	Good	\$355.50	\$248.85
Astrodon SII filter 5nm 1.25"	Good	\$247.50	\$173.25
SBIG AO8 Adaptive Optics	Good	\$599.00	\$419.30
SBIG CFW8 + LRGB Filters	Good	\$895.00	\$626.50
Accessories	Good	\$75.00	\$52.50
SBIG - Remote Guide Head for ST-10			
SBIG - Remote Guide Head	Good	\$681.10	\$476.77
SBIG STF-8300M Camera			
SBIG STF-8300M Camera	EX	\$1,955.10	\$1,759.59
SBIG FW8-8300 Filter Wheel	EX	\$1,719.00	\$1,547.10
SBIG ST-i Camera			
SBIG ST-i Camera	EX	\$634.00	\$570.60
Fishcamp Starfish			
Fishcamp Starfish guide camera	EX	\$1,025.00	\$922.50
Optec Pyxis Camera Rotator			
Optec Pyxis Camera Rotator	EX	\$895.00	\$805.50
Optec PC Serial Port Converter	EX	\$15.00	\$13.50
Optec 12' RJ-12 Cable	EX	\$18.00	\$16.20
Optec T-thread Adapter	EX	\$50.00	\$45.00
Optec Pyxis 16mm Extender Tube	EX	\$39.00	\$35.10
Optec USB-to-Serial Converter	EX	\$29.00	\$26.10
Telescopes			
DSI RC10C Telescope			

Astronomy Inventory

DSI RC10C Telescope	EX	\$5,995.00	\$5,395.50
Miscellaneous Accessories	EX	\$668.24	\$601.42
Orion 100ED Wide field/Guiding scope			
Orion ED100 refractor	Good	\$679.95	\$475.97
Miscellaneous Accessories	EX	\$739.75	\$665.78
Mini-Borg 50 Guiding scope			
Mini-Borg 50 plus mounting hardware	Good	\$279.00	\$195.30
Miscellaneous Accessories	Good	\$323.00	\$226.10
Mount			
Astro Physics 1200GTO mount			
Astro Physics 1200GTO mount	EX	\$9,800.00	\$8,820.00
Astro Physics rotating pier adapter	EX	\$295.00	\$265.50
Astro Physics 32" Portable Pier for 1200	EX	\$780.00	\$702.00
Astro Physics 18 lb. counterweight (3)	EX	\$570.00	\$513.00
Astro Physics 10 lb. counterweight (2)	EX	\$270.00	\$243.00
Miscellaneous Accessories	EX	\$866.00	\$779.40
Miscellaneous Accessories			
Dovetails and Rings	Good	\$1,216.45	\$851.52
Takahashi Collimating Telescope	EX	\$345.00	\$310.50
Hubs and Power Supplies	Good	\$323.26	\$226.28
Miscellaneous	Good	\$56.00	\$39.20
RoboFocus focuser configured for TV NP101is			
Additional Robo-Focus motor	Good	\$115.00	\$80.50
RoboFocus RF-3 control unit only	Good	\$300.00	\$210.00
Televue 2 inch Extension Tube 2 inch - 1 screw	Good	\$52.25	\$36.58
RoboFocus TV adapter (spare)	Good	\$20.00	\$14.00
RoboFocus power outlet	Good	\$115.00	\$80.50
Software			
SkyChart III	SW	\$49.95	\$29.97
Deepsky Astronomy Software	SW	\$69.95	\$41.97
Gemini Control Center	SW	\$57.00	\$34.20

Astronomy Inventory

The Sky 6 Professional Edition	SW	\$249.00	\$149.40
The Sky X Professional Edition	SW	\$196.00	\$117.60
-- TheSky X Pro annual maintenance	SW	\$75.00	\$45.00
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Maxim DL v4	SW	\$399.00	\$239.40
Maxim DL Pro v5 Upgrade	SW	\$165.00	\$99.00
Maxim DL Pro Renewal	SW	\$165.00	\$99.00
Maxim DL Pro Renewal	SW	\$55.00	\$33.00
Pem Pro 1.6	SW	\$149.95	\$89.97
Pem Pro V2 upgrade	SW	\$75.00	\$45.00
CCDInspector 1.0	SW	\$149.95	\$89.97
CCD Inspector 2 upgrdade	SW	\$74.96	\$44.98
CCD Stack 1.0	SW	\$149.96	\$89.98
CCD Stack 2.0 upgrade	SW	\$104.99	\$62.99
CCD Auto Pilot 4 Professional	SW	\$221.25	\$132.75
CCD Auto Pilot 5 Professional upgrade	SW	\$179.99	\$107.99
CCD Navigator 1.0	SW	\$112.46	\$67.48
CCD Navigator 2.0 upgrade	SW	\$104.99	\$62.99
Star Spikes	SW	\$54.95	\$32.97
StarSpikes Pro 2	SW	\$24.95	\$14.97
Carboni Astronomy Tools Photoshop Actions Set	SW	\$19.95	\$11.97
Astronomy Tools Photoshop Actions	SW	\$21.95	\$13.17
FitsPlug v2	SW	\$50.00	\$30.00
Astrodon RGB Weight Calculator v1.4	SW	\$45.00	\$27.00
Radmin 3 Remote Control - Standard license	SW	\$49.00	\$29.40
Registrar by Auriga Imaging	SW	\$149.00	\$89.40
DC3 Dreams PinPoint	SW	\$149.00	\$89.40
DC3 Dreams PinPoint upgrade	SW	\$69.00	\$41.40
Grand Total		\$44,534.80	\$36,164.76

NOTE: Equipment rated Excellent priced at 90%
 Equipment rated good priced at 70%
 Software priced at 60%