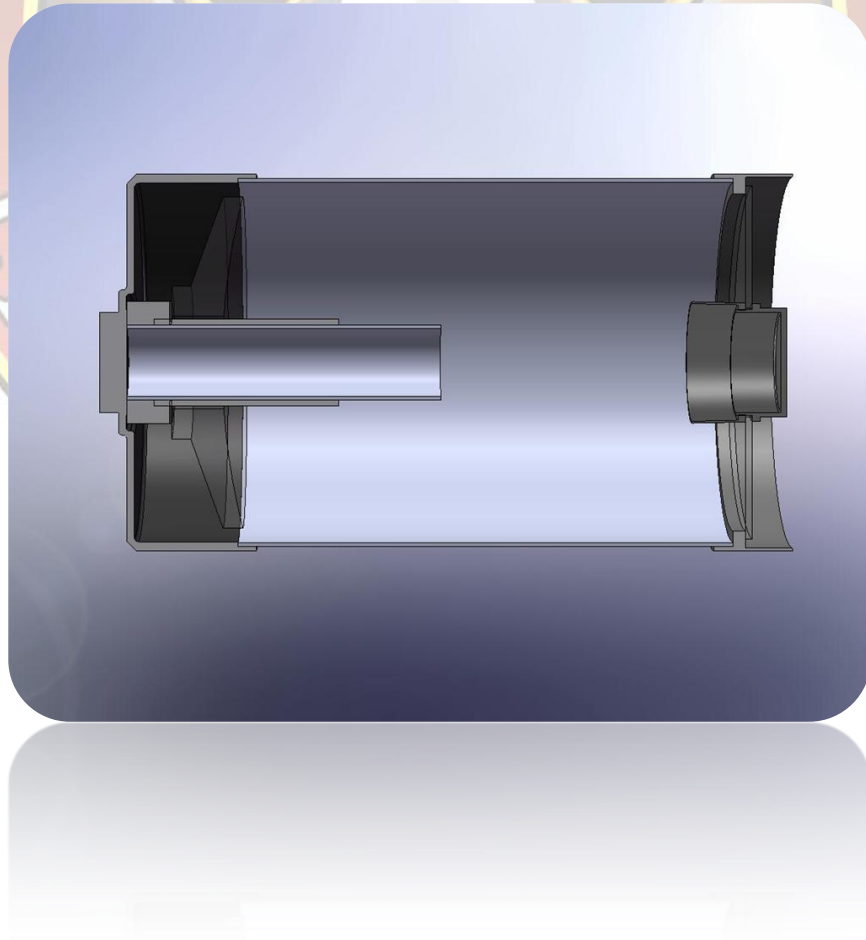


SCT OTA Service

Over the years Optic Wave Labs has performed a variety of repairs and modifications to the major brands of Schmidt Cassegrain and other Catadioptric telescopes. We now offer standard services for Meade™ and Celestron™ optical tube assemblies. Other brands & models will be quoted individually.

Our service starts at a level that provides cleaning, restoration and “tweaking” the telescope OTA into its condition of best performance for the visual astronomer. We will make your old telescope new again or your new telescope even better.

Next we offer a level of service that tailors the SCT into a high performance imaging platform without breaking the bank. We provide all of the basic services, plus modifications to the OTA and the addition of CNC machined parts to re-engineer the telescope into an imaging platform.



Silver Service:

Our silver service will make your telescope new again or your new scope even better. We will disassemble, clean and re-align all aspects of your telescope OTA.

Includes:

- Total disassembly of optical tube assembly, cleaning and inspection.
- Professional cleaning of primary & secondary mirrors as well as corrector plate using First Contact™.
- Replacement cork & paper shims with new materials.
- Careful re-alignment of optics & shimming to dead center.
- Re-lubrication of SCT primary focus mechanism.
- Bench collimation of optics.
- Star Testing and final collimation

Gold Service:

This service includes all of the modifications in the Silver Service plus we will lock the primary mirror into a fixed position. This type of modification is suitable for a dedicated imaging setup and eliminates image shifting due to mirror “slop”.

Includes:

- All Silver Service items.
- Removal of factory focus mechanism and secondary mirror holder.
- Fabrication of replacement primary mirror cell components.
- Modification of rear SCT casting to accept new mirror cell components.
- Installation of new, adjustable, secondary mirror holder. This modification will allow the “coarse” adjustment of the focal plane in order to accommodate switching setups. Re-collimation of the telescope may be necessary after a secondary mirror position adjustment.
- Modification of rear SCT casting and installation of filtered cooling fans.
- Installation of new components and re-assembly of telescope.
- Careful re-alignment of optics & shimming to center.
- Bench collimation of optics.
- All telescope fasteners are changed to 18-8 stainless steel.

Options:

- Primary and secondary mirrors stripped and recoated.
- Installation of focuser enhancements, such as Feathertouch or Peterson Engineering. (*Silver Service Only*)
- Sandblasting and powder coating the telescope tube and castings.
 - Inside of tube will be a light absorbing black coating.
 - Outside coating may be of a select number of colors.
- Installation of Composite tube replacement (www.publicmissiles.com)
- All telescope fasteners are changed to 18-8 stainless steel.

Notes:

- We cannot replace broken corrector plates
- We cannot re-coat corrector plates
- Meade Telescope OTA's require disassembly by oven baking; therefore refinishing of the OTA is mandatory.
- Return shipping charges will apply.

Pricing:

Aperture	Silver Price	Gold Price
8	\$280.00	\$1,903.00
9.25	\$297.00	\$2,106.00
10	\$309.00	\$2,242.00
11	\$325.00	\$2,440.00
12	\$343.00	\$2,657.00
14	\$384.00	\$3,147.00

Option Pricing:

- Mirror stripping and re-coating: See OWL Std. aluminizing price sheet.
- Installation of focuser enhancements: \$75.00 plus parts and materials
- Stripping and re-powder coating of OTA: \$400.00
- Composite tube replacement: Contact for pricing.

Qualifications:

- Optical Tube Assemblies must be complete.
 - All original optics must be included, we cannot fabricate replacement parts.
 - All original mechanical parts must be provided and in good order, some replacement parts can be fabricated but at extra cost.
- Optical defects such as chips, cracks and scratches cannot be removed.

Liability:

Optic Wave Labs is a professional optical / mechanical company and assumes all normal liability for your equipment while in our possession. However, we shall not be held liable for the safety and condition of materials while not in our possession. Specifically, while in transit to and from all destinations. Additionally, we shall not be held liable for any previously existing conditions such as chips, cracks and scratches.

The customer shall inform Optic Wave Labs of any such pre-existing conditions before shipping (using attached form). Upon receipt of telescopes Optic Wave Labs shall inspect and report any new flaws acquired during shipping. The customer understands that these issues must be taken up with the shipper.

Payment:

A 50% deposit must be received in order to commence work. Balance due upon completion of work.

Cancellation:

Should the customer decide to cancel their order, Optic Wave Labs holds sole discretion as to if, when and the amount of any refund of payments made. The customer also understands that some of the modifications made to their telescope parts in the modification process are irreversible. Cancellation of an order mid – modification may result in a telescope system that may not be returned to its original state of functionality.

Shipping Instructions:

Package your telescope according the manufacturers shipping instructions and insure it well.

Before shipping, check with your shipper to ensure that the method of packing complies with their insurance policies.

Ship to:

Optic Wave Labs
11358 Amalgam Way, Suite #2
Gold River, CA 95670

You must include:

- Order form, completed and signed

Order form

Customer Name: _____.
Customer Address: _____.
Phone: _____.
Email: _____.

Telescope Description, make model focal length.

Desired Service Level (Silver, Gold, Platinum):

Desired Focal Plane Distance behind rear cell threads (Gold service):

Describe any defects.

Payment Information:

I wish to pay by: ☐ Check ☐ Visa ☐ Mastercard

Card Holder Name: _____

Card Number: _____

Three Digit Security number (last three on back of card) _____

Expiration Date: _____

Card Holder Signature _____

I understand that I will be notified of the billing amount prior to my credit card being charged. Verbal or electronic communication will be sufficient for this confirmation.

I understand the terms and policies regarding Optic Wave Labs SCT modification services.

Customer Signature: _____.

Date: _____.