

SERVICES PROVIDED FOR TOTAL REFURBISH OF STEREO/STEREO ZOOM MICROSCOPES

(Related procedures include 5.8-01W, NPWI-SZSETUP, NPWI-OPTCLN,
WI-SZALIGN)

- Scopes are received and inventoried on an ACC work order per ACC's Work Instruction **5.8-01W - Receiving Repairs**
- Perform routine setup per ACC procedure **NPWI-SZSETUP**.
- A trained technician at ACC's laboratory performs a comprehensive evaluation.
- All necessary repairs and parts, if needed, will be documented on an internal work order form.
- Quote on cost of parts and repair labor will be sent to customer either verbally or in writing as requested.
- **NO WORK** will be completed until a purchase order number or permission to perform the work is provided by the customer in writing.
- Upon receipt of customer's approval to perform work, a full tear down of the scope is then performed.
- Diopter adjusters and eyepiece adapters are removed, degreased and relubed.
- Top glass dust seals are removed.
- Quad-mirror (or prism) assemblies are removed.
- All internal mechanisms are degreased and relubricated. The internal mechanical assemblies included are zoom cam(s), guide rods, gearing, pivot bearings, pivot bolts and all contact surfaces between binocular assemblies and mount.
- Synthetic lubricant is applied where applicable.
- All internal optics are cleaned according to ACC procedure **NPWI-OPTCLN**. These internal optics include the quad-mirror and/or prisms, glass dust seals, lens assemblies, objective lenses and mounts.
- After the microscope has been mechanically refurbished, an evaluation of parfocality and alignment will be completed according to ACC procedure **NPWI-SZALIGN**.
- Alignment throughout the scopes zoom range, parfocality and magnification adjustments will be made to complete the scopes transformation to like new condition.
- Upon completion of the refurbish work a "serviced" sticker with the technicians initials, date of service and suggested due date for routine cleaning and preventative maintenance will be affixed to the scope body.

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Approval signature: _____ Title: _____ Date: _____
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