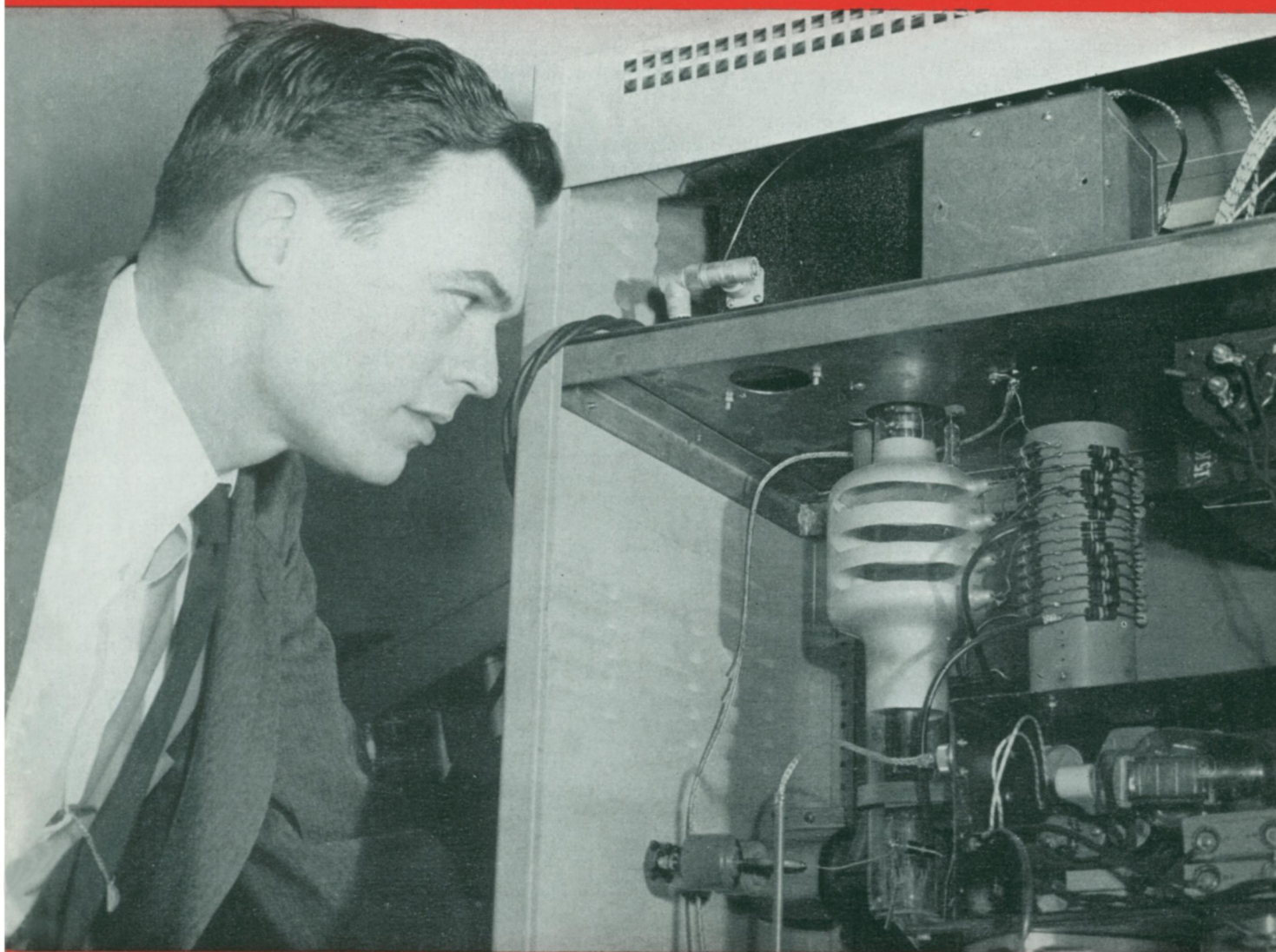


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# SCIENCE NEWS LETTER

Vol. 53, No. 6

THE WEEKLY SUMMARY OF CURRENT SCIENCE • FEB. 7, 1948



**Diamonds Amplify**

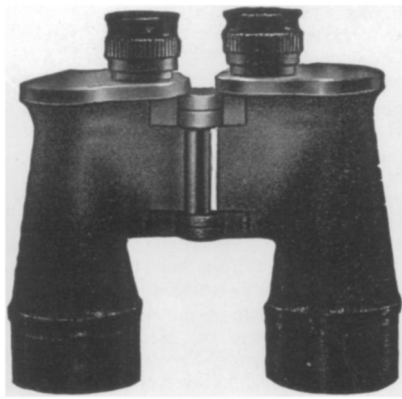
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A SCIENCE SERVICE PUBLICATION

# WAR SURPLUS OPTICAL BARGAINS

## ASSEMBLE YOUR OWN BINOCULARS!

Save More Than 1/2 Regular Cost  
Complete Optics! Complete Metal Parts!



### ARMY'S 6 X 30 BINOCULARS

**COMPLETE OPTICS & METAL PARTS**—Model M-13A1, 6 x 30 Binoculars. Everything you need—ready for assembly. When finished will look like a regular factory job costing \$102 to \$120. The Optics are new, in perfect or near-perfect condition. Have new low reflection coating. Metal Parts are new and perfect, all completely finished. No machining required. Bodies factory hinged and covered. Complete assembly instructions included.  
Stock # 830-Q ..... \$40.00 Postpaid, plus \$8.00 tax—Total—\$48.00

**METAL PARTS ONLY**—Model M-13A1, 6 x 30 Binoculars. No Optics. Same Metal Parts as described for Stock # 830-Q.  
Stock # 832-Q—6 x 30 Metal Parts... \$25.00 Postpaid

### GOVERNMENT'S 7 X 50 BINOCULARS

Here's an unusual opportunity to secure a fine set of Binoculars at a substantial saving of money. Offered here are complete sets of Optics and Metal Parts for the 7 x 50 Binoculars. These components are new and all ready for assembly. We supply full instructions. Limit—1 set of Metal Parts and 1 set of Optics to a customer

**METAL PARTS**—Set includes all Metal Parts—completely finished—for assembly of 7 x 50 Binoculars. No machining required. Bodies factory hinged and covered. A sturdy Binocular Carrying Case is optional with each set of Metal Parts.  
Stock # 842-Q.....\$39.40 Postpaid, plus \$4.80 for Case.....Total \$44.20

**OPTICS**—Set includes all Lenses and Prisms you need for assembling 7 x 50 Binoculars. These Optics are in excellent condition—perfect or near perfect and have new low reflection coating.  
Stock # 5102-Q—7 x 50 Optics.....\$25.00 Postpaid

**NOTICE:** Add 20% Federal Excise Tax to your remittance if you buy both the Binocular Optics and the Binocular Metal Parts.

**OPTICS FOR 6 x 30 BINOCULARS** (No Metal Parts.) Perfect and low reflection coated.  
Stock # 5130-Q .....\$15.00 Postpaid

**SAME OPTICS AS ABOVE**—Coated—but slight seconds.  
Stock # 5124-Q .....\$12.75 Postpaid

If you buy both the Binocular Optics and the Binocular Metal Parts, your purchase becomes subject to 20% Federal Excise Tax. Be sure to add amount covering tax to your remittance or your order cannot be filled.

Optics and Metal Parts are Available for Monoculars (1/2 a Binocular). For Complete Details, Write for Bulletin # 14-Q.

**6 POWER GALILEAN TELESCOPE**—(Commercial Surplus) 28mm dia. Achromatic Objective Lens. Sturdily constructed of Aluminum. 7" long, extends to 9". Complete with carrying case.  
Stock # 941-Q.....\$3.00 Postpaid

**Set #1-Q**—"Our Advertising Special"—15 lenses for \$1.60 Postpaid, plus 10-page idea booklet. For copying, **ULTRA CLOSE-UP SHOTS**, macrophotography, experimental optics, magnifying and for making a two power 1/18 Telephoto Lens, "Dummy Camera," Kodachrome Viewer, **DETACHABLE REFLEX VIEWFINDER** for 35 mm. camera, stereoscopic viewer, ground glass and enlarging focusing aids, **TELESCOPES**, low power Microscopes and for many other uses.

### NEW 50-PAGE IDEA BOOK "FUN WITH CHIPPED EDGE LENSES"

Contains wide variety of projects and fully covers the fascinating uses of all Lenses in set listed above... only \$1.00 Postpaid.

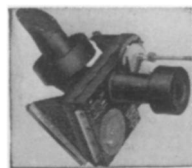
**35 MM KODACHROME PROJECTING LENS SET**—Consists of 2 Achromatic Lenses for projecting, plus 2 Condensing Lenses and a piece of Heat Absorbing Glass with directions.  
Stock # 4029-Q ..... \$3.16 Postpaid

**35 MM KODACHROME PROJECTING LENS SET**—Consists of Achromatic Lens for projecting, plus a Condensing Lens and a piece of Heat Absorbing Glass with directions.  
Stock # 4025-Q .....\$1.95 Postpaid

### TANK PRISMS Plain or Silvered

90-45-45 deg. 5 3/8" long, 2 1/8" wide, finely ground and polished.  
Stock # 3004-Q Silvered Prism

(Perfect) .....\$2.00 Postpaid  
Stock # 3005-Q Plain Prism (Perfect) .....\$2.00 Postpaid



**\$200.00 DRIFT METER** for \$4.95. These were used for determination of drift and true air speed. You can adapt to other uses or take apart to get 2 mounted Achromatic Lenses—Mirrors—Field Lens—Pantograph—Engraved Scales—Sponge Rubber Discs—metal parts and other components. Instrument weighs 4 lbs.  
Stock # 936-Q.\$4.95..... f. o. b. Chicago, Ill. (Shipping weight 12 1/2 lbs.)

**SIMPLE LENS KIT**—Some gov't. surplus, some commercial surplus, some chipped rejects, some perfect, few coated.....in any event an excellent bargain. Containing Plano Convex, Double Convex, Concave, Meniscus Lenses. Dia. range 5mm to 40mm. Assorted focal lengths.  
Stock # 5-Q.....45 lenses.....\$5.00 Postpaid  
Stock # 10-Q.....80 lenses.....\$10.00 Postpaid

## AIR FORCES GUNSIGHT

With Polarizing Variable Density Attachment—Can be used as Slide Viewer, or take it apart and you can get polarizing variable Density Attachment, Mangin Concave Mirror, Reflector Plate, Metal Reticule, Window, Lamp Housing, Ring and Bead Sight. The Polarizing attachment alone is worth many times the price of entire unit. Consists of 2 Polarizing Filters mounted with small handle which rotates one around the other. May be used in Photography, Research, Experiments, as Light Dimmer, etc.  
Stock # 908-Q .....\$5.00 Postpaid  
Same Unit Without Polarizing Attachment  
Stock # 916-Q .....\$2.50 Postpaid



**MOUNTED PROJECTING LENS SYSTEM**—F.L. 91.44 mm. (Just right for 35 mm. Projectors). Speed of F 1.9. Outside dia. of mount at one end 60 mm. Length of mount 64 mm.  
Stock # 4033-Q.....\$3.00 Postpaid

**THREADED OUTSIDE MOUNT FOR FOCUSING ABOVE SYSTEM** (Not illus.)—  
Stock # 715-Q.....\$1.00 Postpaid

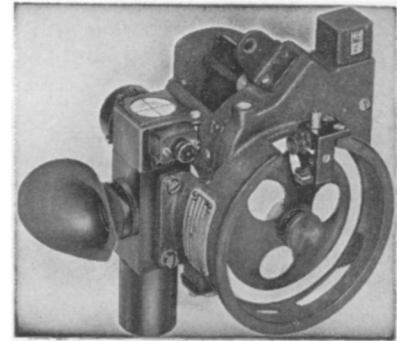
**CONDENSING LENS SET**—Consists of 2 Condensing Lenses with diameter of 2". Used for making 35mm projector or many other purposes.  
Stock # 4034-Q.....75c Postpaid

**SCHMIDT OPTICAL SYSTEM**—These were used in the Navy's Infra-Red Sniperscope and Signalling Units. Black Plastic body, size 3 15/16" x 5 1/2". F.L. 2.4" with amazing speed of F 0.9. Govt. cost \$134.00. Can be placed in front of Cathode Ray Tubes for enlarging images of Wave forms. Also used to project images of miniature Television Receivers employing 1" tubes. Useful, too, with Oscilloscopes, Pan-Analyzers.  
Stock # 720-Q.....\$6.00 Postpaid

## NEVER HAS THERE BEEN SUCH A SENSATIONAL BARGAIN

AS THIS!

## BUBBLE SEXTANT

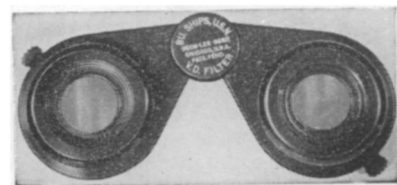


These Army Air Forces Bubble Sextants cost the Govt. about \$125.00 each. A real bargain at our price of \$12.50! Included with Bubble Sextant shipment is wooden Carrying Case, 5 spare waxed paper discs, flashlight with rheostat for night use (uses ordinary flashlight cells—not furnished) aux. 2-power Galilean Telescope, Allen wrench, 1 spare marking point. Wartime used, BUT COMPLETELY REPAIRED, COLLIMATED AND PUT IN GOOD WORKING ORDER. Light bulb has been tested—Bubble is in working condition. Because of wartime use, we make this guarantee: If not satisfied that Sextant is exactly as represented, return within 10 days a d money will be refunded. Full directions for use accompany each shipment.  
Stock # 924-Q.....\$12.50 Postpaid

Same Sextant as above but **BRAND NEW** and with Automatic Electric Averaging Device and Illuminated Averaging Disc for nighttime use. Govt. cost \$217. Though brand new we have rechecked Bubble and Collimation and **GUARANTEE** perfect working order.  
Stock # 933-Q .....22.50 Postpaid

**CONDENSING LENSES**—Seconds, but suitable for Enlargers and Spotlights.  
Stock # 1061-Q, 8 1/2" dia., 9" F.L. ....\$2.50 Postpaid  
Stock # 1082-Q, 4 1/2" dia., 5 1/2" F.L. ....70c Postpaid  
We Have a Limited Quantity of Condensing Lenses—seconds—ranging from 4 1/2" to 8 1/2" in dia. with various focal lengths. Send for Free Bulletin titled "MISCELLANEOUS CONDENSING LENSES—Q".

### POLARIZING VARIABLE DENSITY ATTACHMENT FOR BINOCULARS



An amazingly effective unit for controlling amount of light reaching your eyes. Cuts down glare in sky and overwater observations. Easily snapped on and off over the eye cups of American-made 7 x 50 Binoculars. Govt. cost, \$8.30 each.  
Stock # 20,000-Q.....\$2.00 Postpaid

Above Polarizing Attachment also adaptable to Govt. 6 x 30 Binoculars with substitution of special Eye-cups.  
Stock # 20,010-Q, 6 x 30 Eye-cups, 75c pr., Postpaid

**LENS CLEANING TISSUE**—1st quality sheet size 11" x 7 1/2". Made to Gov. specs. Won't dust. Free of abrasives and lint.  
Stock # 721-Q.....500 sheets.....\$1.00 Postpaid

**RAW OPTICAL GLASS**..... An exceptional opportunity to secure a large variety of Optical Pieces both Crown and Flint glass (seconds) in varying stages of processing. Many prism blanks.  
Stock # 703-Q—8 lbs. (min. wt.).....\$5.00 Postpaid  
Stock # 702-Q—1 1/2 lbs. ....\$1.00 Postpaid

WE HAVE LITERALLY MILLIONS OF WAR SURPLUS LENSES AND PRISMS FOR SALE AT BARGAIN PRICES. WRITE FOR CATALOG "Q"—SENT FREE!

ORDER BY SET OR STOCK NO.

SATISFACTION GUARANTEED

# EDMUND SALVAGE COMPANY, P. O. Audubon, New Jersey