

Sea & Sea's MX-10 with Close-Up Lens

U/W PHOTOGRAPHY MADE EASY

TEXT AND PHOTOGRAPHY BY JACK AND SUE DRAFAHL



Top: This anemonefish photo was easy to get using Sea & Sea's MX-10 camera with Close-up Lens and YS-40A strobe. Appropriate subjects for this system include corals, sponges, turtles and other medium-sized marine life.

Everyone wants to take fish pictures. In the past this took lots of equipment, skill and patience. Sea & Sea Underwater Photography USA has a better way. Its MX-10 is an entry level camera that allows you to change lenses underwater. The Close-up Lens, for instance, attaches to the built-in camera lens and expands your picture taking potential. It allows you to photograph subjects as close as 1.6 feet. This makes taking pictures of fish, coral, sponges, turtles and other medium-sized undersea animals easy.

The MX-10 Close-up Lens has a single element mounted in heavy duty ABS resin. A special bayonet mount locks it onto the front of the camera. Framing the subject correctly is critical, so Sea & Sea has devised a special gunsight-type view-

er. A special mask easily attaches to the back of the camera eyepiece. When you want to center a subject in your photo, you align the circle of the mask with the tip of the triangular notch on the top of the lens. You focus by estimating the distance. At first this may seem difficult but we came up with a surefire method. First, measure 1.6 feet on your arm, starting at the tip of your index finger. When you use the Close-up Lens for the first time, find a stationary subject. Move the camera to the 1.6 foot point on your arm and move your finger to a point in front of the subject. Don't touch the subject. Move the camera back in front of your mask and shoot. After you try this a few times, you will get a feel for the right distance and will be ready to try photographing fish. Keep

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DIVE/LODGING PACKAGES: Ocean Divers has enjoyed a long and close collaboration with Key Largo's most popular dive resort, Marina Del Mar. Marina Del Mar is adjacent to Ocean Divers on the same deep water canal. Its proximity allows divers to stroll from their room to the dive boat dock. If guests choose to utilize Ocean Diver's guest gear storage room, the dive preparations are nearly effortless.

Marina Del Mar offers 76 rooms and suites, as well as a 42 slip marina. Other amenities include a large waterfront restaurant and lounge, conference facilities, lighted tennis courts, a Nautilus fitness room and a huge heated freshwater swimming pool. A sister property, Marina Del Mar Bayside is nearby. Featuring 54 double rooms and two villas, Marina Del Mar Bayside also features dive/lodging packages with Ocean Divers. Whichever resort is chosen, there are attractive price incentives.

For more information about any of the Ocean Divers recreational or educational programs or dive/lodging packages for Key Largo, please call Ocean Divers at (800) 451-1113 or (305) 451-1113. The fax is (305) 451-5765 and the e-mail address is oceandivers@aol.com. For general information, check out Ocean Divers' Web site at www.oceandivers.com.

**SEA & SEA'S MX-10
WITH CLOSE-UP LENS**

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in mind that the lens' excellent depth of field will help you with the focus. At f/11 about one foot is in focus and at f/22 the depth of field is approximately three feet.

Because color negative film has such a wide exposure latitude, ISO 100 and ISO 400 print film are recommended for use with the MX-10 and the Close-up Lens.

**SEA & SEA MX-10 CLOSE-UP
SYSTEM COMPONENTS**

MX-10 camera	\$413.00
Close-up Lens.....	\$ 61.95
Lens Caddy.....	\$ 39.95
YS-40A strobe	\$264.00

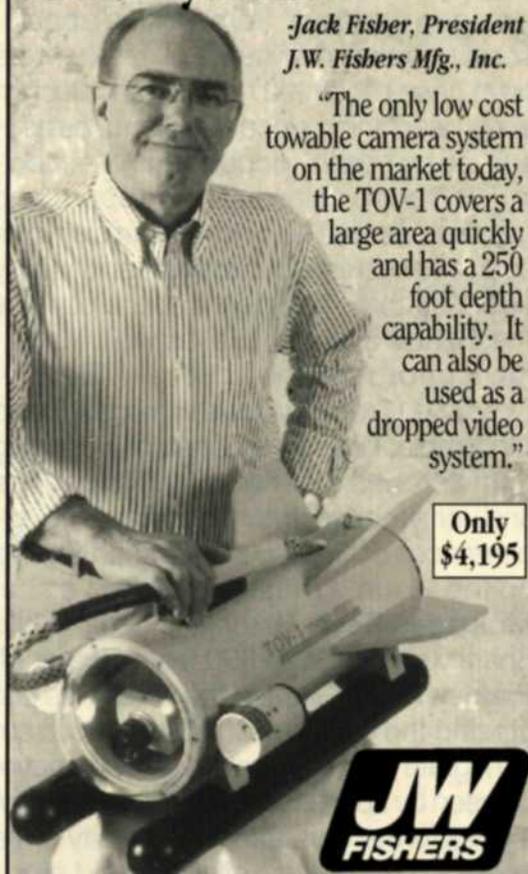
With ISO 100 film and the YS-40A flash set to manual, the best exposure is at f/8. ISO 400 film works best at f/16 on manual and f/8 on auto. We found ISO 400 print film gave us the best results.

There may be times when you want to take other MX-10 lenses with you on a dive. This is easy with Sea & Sea's Lens Caddy. It attaches to the top of the YS-

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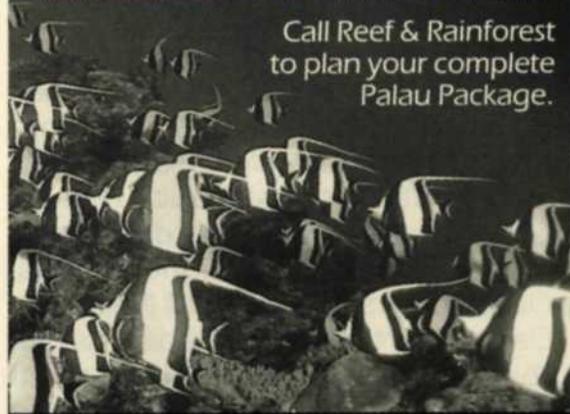
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40A strobe and holds the 20mm, Macro or Close-up Lenses. To change lenses underwater, simply twist off one lens and replace it with another.

Although intended only for U/W use, the Close-up Lens works well on land, too. However, the focus point and exposure values will be different. In air, the lens will focus at seven inches. The YS-40A flash is approximately that long and can serve as a distance guide. Simply turn the flash sideways and use it as a measuring device (you can also use a ruler). Use ISO 100 film at either f/11 with the internal flash or f/16 with the YS-40A.

The MX-10 system effectively accomplishes a difficult task. You have the freedom of diving with minimal camera gear yet can capture on film whatever you see throughout your dive. If you're ready to jump into underwater photography, go see your local Sea & Sea dealer. For the address of the one nearest you, contact Sea & Sea Underwater Photography, USA, 2105 Camino Vida Roble, Suite L, Carlsbad, CA 92009; (760) 929-1909. 🐟

TEN WEEKS TO TAKE-OFF

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equipment, guide dives, assist customers with rental gear, act as boatmasters and all of the other tasks employers will require.

SDM: What courses are available?

BRAYMAN: We have two program tracks at Hall's. First let me explain the Professional Career Programs, which are for full time students. The core of the Professional Career Program is the ten week Professional Store and Resort Instructor Training Program. An able-bodied person can enroll in this program with no diving experience and will finish with instructor certificates from NAUI, CMAS, ACUC, NASDS, TDI, IANTD, DAN and the National Safety Council. Just as importantly, though, they will also be certified as divemasters by PADI, NAUI and ACUC and as equipment repair technicians by NAUI and ACUC. They will also receive Resort and Store certifications from NAUI and ACUC.

Instructor Training, Sales and Operations, and Equipment Repair Technician are available as individual courses for students who elect not to take the ten week comprehensive course. Owing to the increasing popularity of rebreathers and other new technologies, we also offer two additional courses, the Professional Rebreather Instructor Training Program and the Professional Deep Tech Instructor Program. The Deep Tech program is an

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