

The **TRIGULL**



**A MODERN AMPHIBIAN
BY TRIDENT AIRCRAFT LTD.**



A WHOLE NEW WORLD OF FLYING IS YOURS WHEN BOTH LAND AND WATER ARE YOUR AIRPORTS. Lakes, rivers and inlets offer an infinite variety of landing places to add to your current list of favorite airports. In addition, full day/night IFR certification increases utilization and flexibility of operation.

YOU — ARDENT SPORTSMEN will delight in being able to take as many as five companions into remote bodies of water, especially when your aircraft instantly converts into a fishing boat.

YOU — CHARTER OPERATORS can use the Trigull as a rugged delivery van carrying people and bulky supplies deep into the wilderness.

YOU — AIR TAXI OPERATORS will find the cabin layout especially convenient — particularly for the air ambulance role — with three large doors providing ready access for passengers and cargo.

YOU — PILOTS, without seaplane training, can easily add the water rating to your certificate with only a few hours of instruction, due to excellent water handling. This will open new vistas worldwide and make accessible to you many new places to land and enjoy.

WHATEVER YOU DO, the Trigull offers you a new standard of excellence, a new level of luxury and a new degree of flexibility previously unavailable in aircraft of this size or performance.

Introduction



Whether you're going there for fun or profit,
the Trigull will get you there —
in style and comfort

At first glance, the Trigull resembles the venerable Seabee. But look again; in reality it is THE new aircraft many of you have been waiting for. Modern technology and materials coupled with a determination to achieve the cleanest possible aerodynamics have produced a rugged airframe with low drag. Add to this a 300 horsepower engine, and the result is a new excellence in light amphibians with snappy takeoff performance from any surface, and economical long range cruise with up to six people.

Everything retracts on the Trigull. The floats duplicate the wing section, adding nearly three feet to the span, when raised. The main landing gear provides wide track stability, retracting completely into the wing. The nose wheel nestles into a pocket in the hull, without doors, protruding just enough to serve as a convenient bumper for the dock. Even the water rudder retracts, into the base of the rudder.

The cabin is spacious with plush appointments. It accommodates many combinations of people and cargo. Two large side doors and a nose door provide easy accessibility. The low cabin floor enhances ease of loading and unloading both on land and water. The combination of rear engine and excellent insulation yields a quiet, vibration-free, comfortable atmosphere for you and your passengers. The aft wing and large windows offer a level of visibility generally found only in rotorcraft. This promotes safety and increases your flying enjoyment. The pusher configuration has an additional inherent safety aspect: the propeller is "hidden" behind the wing from embarking passengers and cargo.

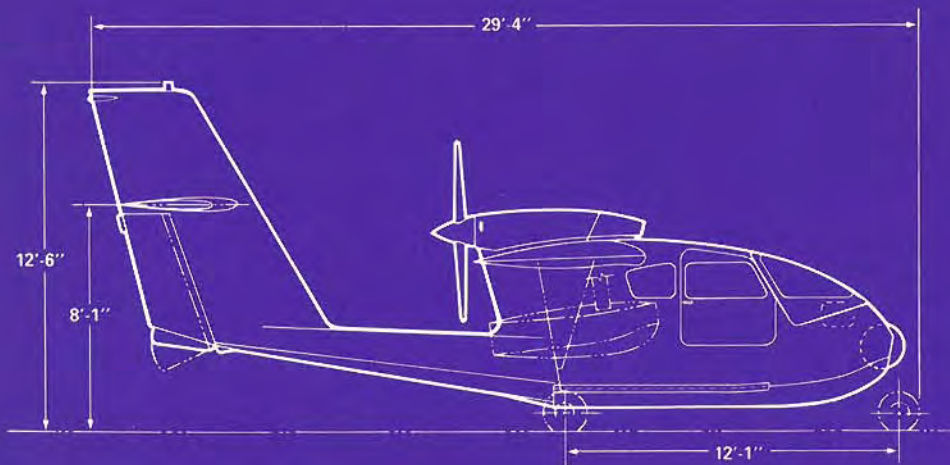
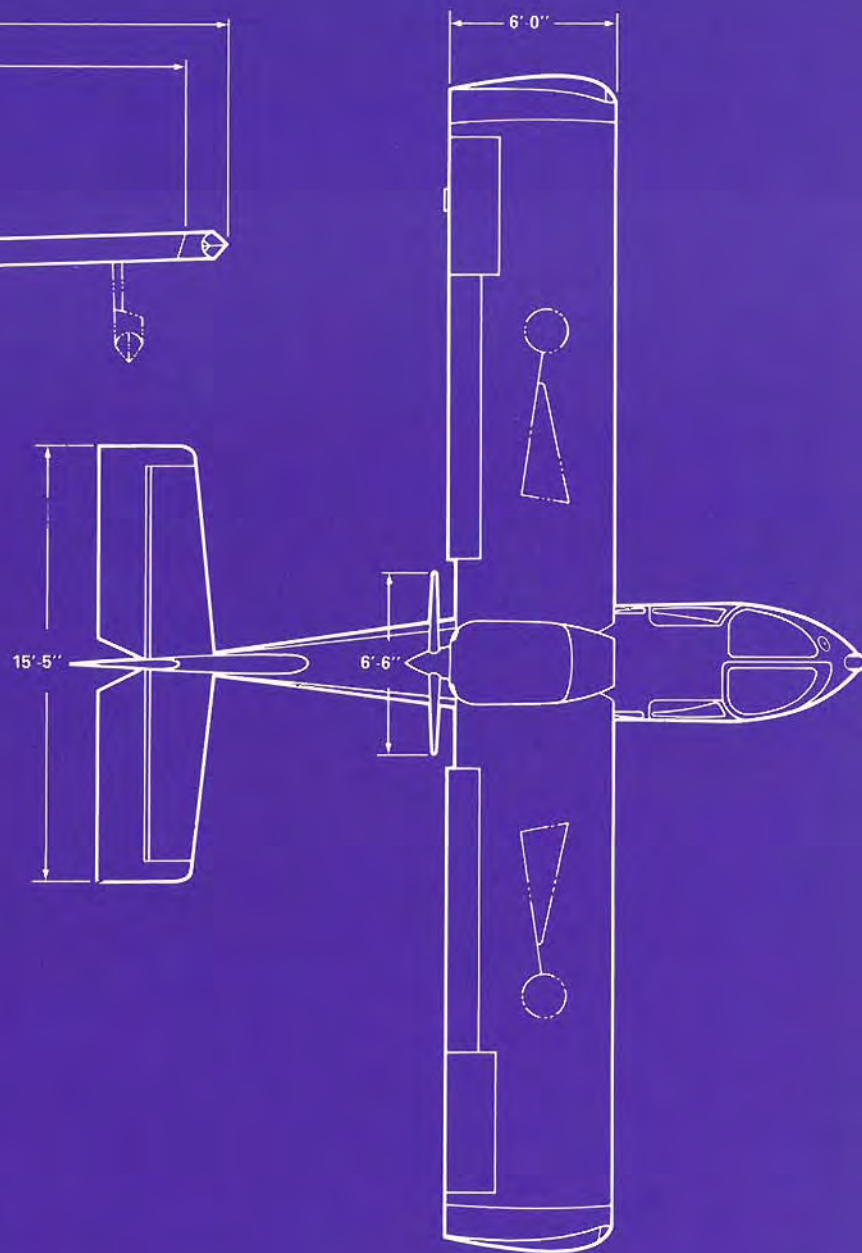
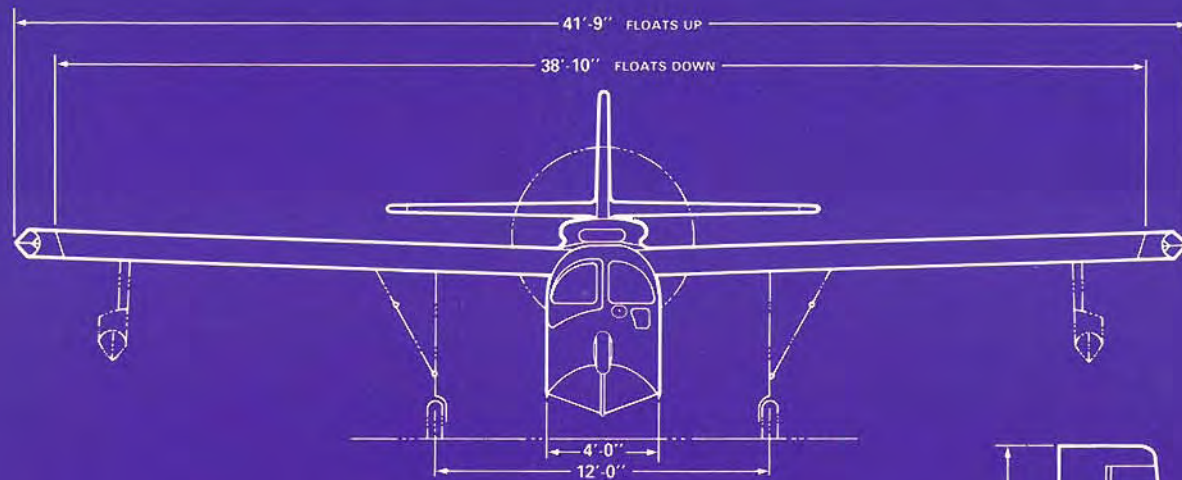
On water, the Trigull is both docile and forgiving. Any hint of induced porpoising can be arrested instantly. It has been designed as an efficient amphibian — not a compromise by adding water capabilities to an existing land plane. The reverse-thrust feature gives you precise command over any water maneuver.

In the air, the Trigull demonstrates the rewards of pursuing clean design. Top speed is 170 mph (148 knots) with a useful load of 1300 lbs. — outstanding performance for a single engine amphibian. Control responses are crisp but not too sensitive. The entire instrument panel is displayed on the left-hand side. You need not search or stretch across the cockpit for dials or switches.

The construction of the Trigull shares the same standards of excellence as its elegant design. For example, fibreglass and 2024-T3 clad aluminum are used throughout. Every part is alodined and primed with super koropon epoxy against corrosion before assembly. Final priming and painting with polyurethane paint gives your new aircraft a tough gleaming finish. The aircraft meets the requirements of F.A.R. 23 through amendment 13 for strength and flying qualities.

When will YOU step up to a TRIGULL?

General Description



Wing tip floats give excellent water stability, yet retract for ease of docking and improved flight performance.

Retracted nose wheel acts as “bumper” when aircraft is nosed into the dock.

Wide wheel track gives good handling characteristics when landing or taxiing in a strong cross-wind.



RETRACTABLE WING TIP FLOATS

WIDE-TRACK LANDING GEAR

Unique Features - - - - -

Wide automotive-type doors offer good access when parked at the ramp or at the dock.

Nose door accommodates long cargo and permits standup fishing and over-the-bow entry at the beach or dock.

Panoramic visibility enhances safety in the air as well as on any surface.

Baggage compartment aft of cabin is at comfortable loading height and is also accessible from cabin during flight.

The retractable water rudder and the reverse-thrust propeller provide exceptional maneuverability.

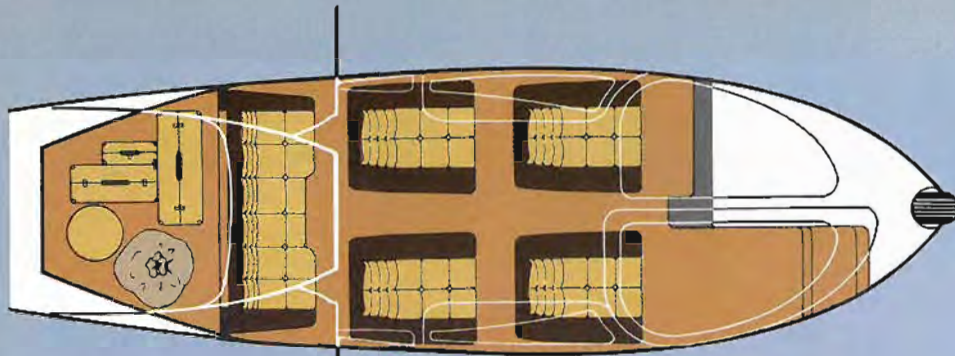


EXCELLENT ENTRY AND VISIBILITY

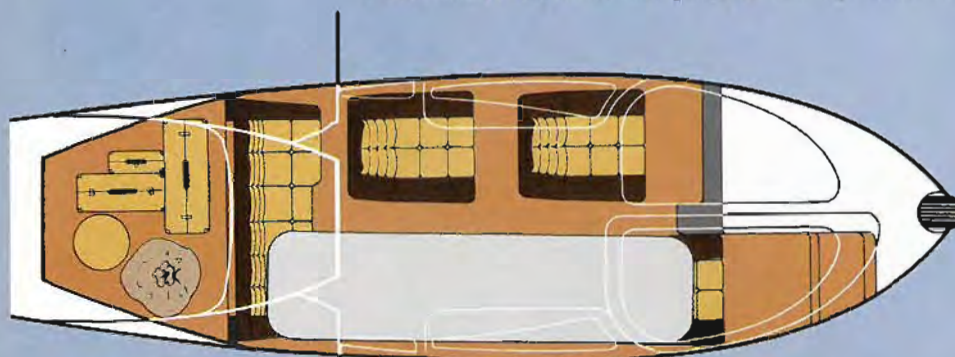
GOOD BAGGAGE ACCESS

**RETRACTABLE
WATER RUDDER**

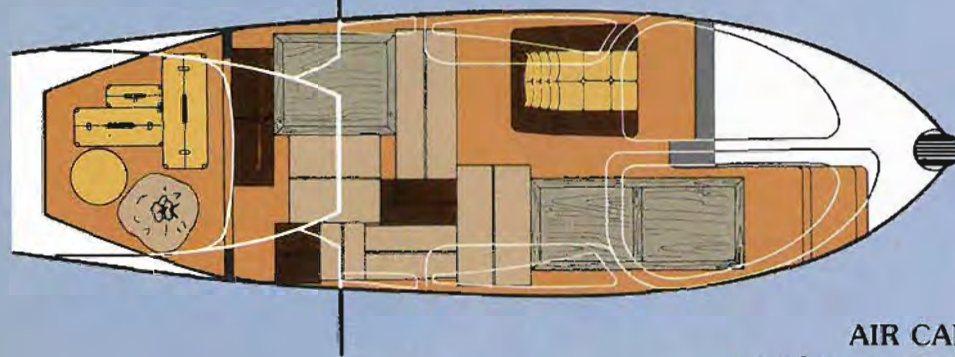
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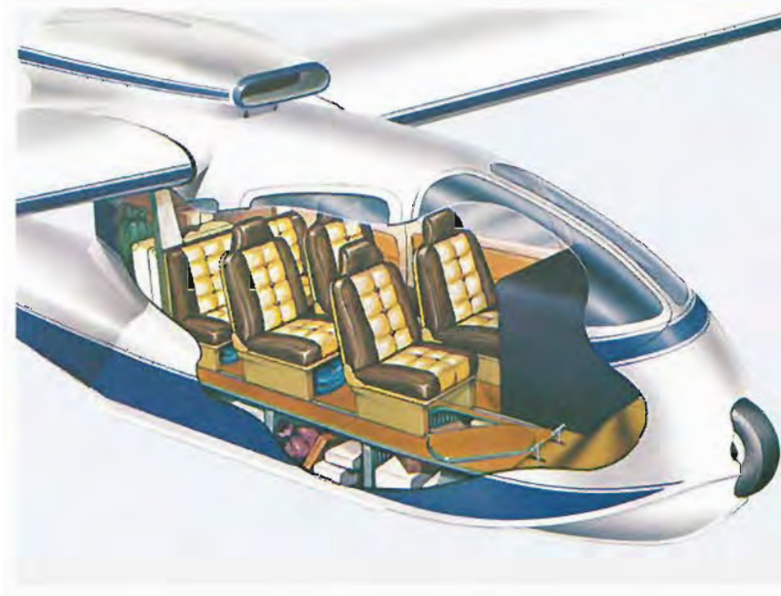
SIX PLACE AIR TAXI OR CORPORATE SERVICE
Four individual seats plus a lift-up rear bench



AIR AMBULANCE
Stretcher fits through nose door
Pilot and attendant have left side entry door




AIR CARGO
107 ft³ Cabin (3.03m³)



**RAPID CONVERSION
BETWEEN ROLES**

Super Versatility



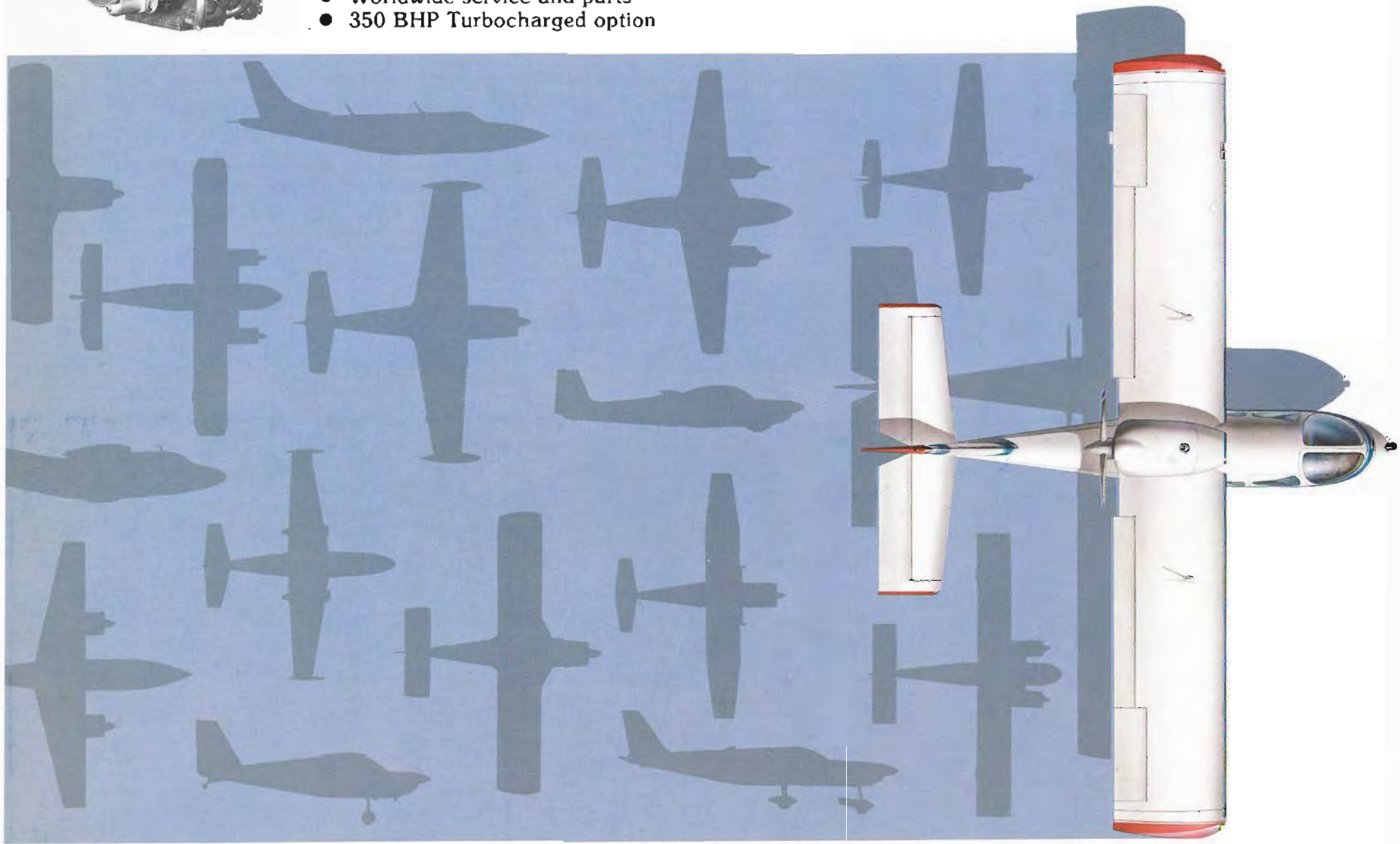
Step into your "front office" and experience the well planned panel, with each instrument strategically placed for optimum IFR scanning and relaxed VFR operation. No awkward searching or stretching to the other side of the cockpit for gages or controls. The control column is located in the center with a yoke extending to each side. The right-hand yoke is easily detached and stored, and even the rudder pedals fold flat for unrestricted access through the bow door.

Quick-Scan Panel



LYCOMING IO-540 300 BHP ENGINE

- 2000-hour TBO
- Worldwide service and parts
- 350 BHP Turbocharged option



Powered by a Popular Proven Engine

trident
TRIGULL

Much more can be said. Ask:

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**The Trident Trigull
— Making the inaccessible accessible**