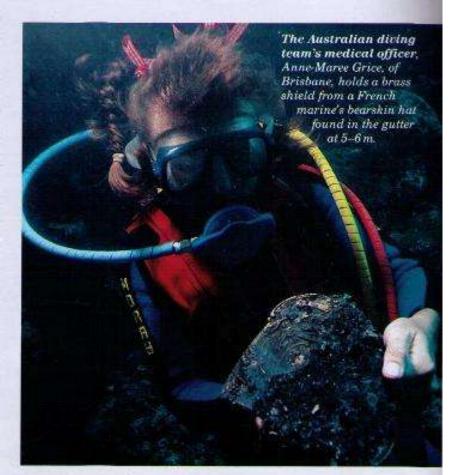
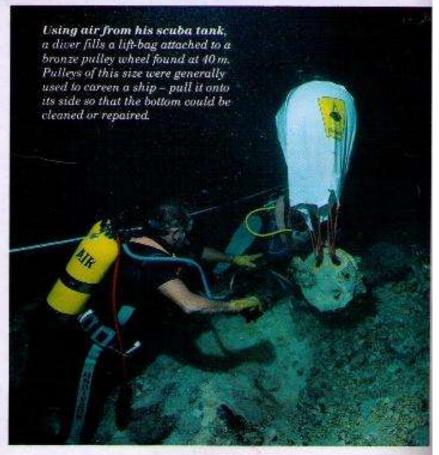
hidden somewhere on the island? We had only two weeks in which to find some of the answers.

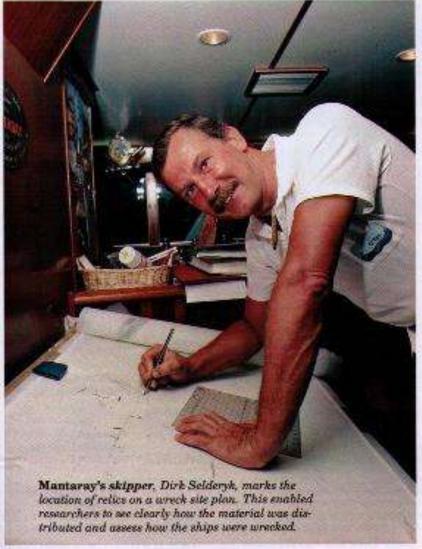
Y team of Australians were the only divers in the expedition with underwater archaeological experience. Some had worked with me on the wreck of the Pandora. Others, like Scott "Slippery" Sledge, had extensive experience on wrecks in Australian waters and elsewhere. Scott would co-supervise the underwater work with Alain Conan, President of the Association Salomon. John Keopo, field archaeologist with the Solomons National Museum, was with us as an observer and to supervise the study of the survivors' campsite and the surrounding area. Chris, eldest son of Ben Tua, the paramount chief of Vanikoro, represented the islanders and liaised between us and them. On 14 April 1986, two days after the Mantaray reached Vanikoro, the Parenthèse arrived. We were ready to begin.

The wreck site opposite Peu lies mostly in a narrow straight-sided gutter on the outer edge of the reef and virtually in the breaking surf. At its shallow end the floor of the gutter, which is strewn with cannons, anchors, lead and copper sheets and iron bars encrusted with sand and coral, lies in 10 m of water. From there it slopes down to a depth of 18 m at the face of the reef, which drops steeply to a broad ledge 60 m below the surface. Beyond that is black nothingness.

Across the mouth of the gutter we stretched a heavy chain to which we could moor our Zodiac inflatable dinghies and then the divers got to work. First they laid a graduated survey line down the centre of the wreckage to a depth of 42 m. The position of each find would be recorded in relation to this base-line so that we could create a model of the wreck site on our shipboard computer. Next a water dredge, linked to a pump on a Zodiac, began to gently vacuum the coral rubble and sand from a likely spot near a large anchor. Within minutes broken china, silver Spanish pieces of eight, bronze medallions, a silver candlestick, multi-coloured glass trade beads, shoe buckles and many other exciting relics were uncovered. I was on Mantaray and when







Because we weren't the first to explore the site, I hadn't expected so many relics of this kind to be left. But I was thankful that the average diver concentrates on the more impressive remains, such as cannons and anchors, and leaves the smaller details of history for people like me. As far as I'm concerned, they are much more important.

As the days went by, the small trench we were digging yielded more and more marvellous material. A ceremonial brass helmet worn by Prench dragoons and once festooned with a cockscomb of feathers was brought to the surface. It had taken Scott nearly

the finds came aboard I was thrilled.

S the days went by, the small trench we were digging yielded more and more marvellous material. A ceremonial brass helmet worn by Prench dragoons and once festooned with a cockscomb of feathers was brought to the surface. It had taken Scott nearly three painstaking hours to extricate it from the coral. The French divers were ecstatic. They insisted on spending more and more time helow, sometimes staying down for four hours at a time and often not returning from the reef until after dark. When you stay down that long you lose a lot of body heat and if you're doing it seven days a week you begin to suffer serious fatigue. I hegan to worry that they were overdoing it, but unnecessarily, as it turned out.

The evenings on board were spent registering and packing the day's finds, filling scuba tanks, viewing the underwater videotape of the day's work, updating notes and records and planning for the next





Vacuuming with extreme care to avaid sucking up tiny relies, Brooke Balley, an archaeologist's assistant with the Queensland Museum, uses the water dredge, dubbed the Vanikaro Express, to expose wreckage. The dredge is operated by a pump on a Zodiac and deposits the sediment (above) some 10 m away.



Expedition leader Ron Coleman examines a fragment of porcelain recovered from the gutter site. Hundreds of such shards were collected.

Relics found in the gutter site include (clockwise from top left) a dragoon's brass helmet, a silver plate, Spanish pieces of eight, the brass shield from a French marine's hat and a brass sextant frame.

day. At first light each morning, the French divers would join us on Mantaray for a briefing and we'd start again.

Then came the most exciting discoveries of all: some of the mineral, fossil and botanical specimens gathered by the La Pérouse scientists, and a small cask containing a seashell collection. Since 1788 these collections had been thought irretrievably lost. The French divers couldn't understand my excitement over these finds at first but when I explained their significance they began to share my elation. The cask gave us food for thought. It was found on top of a human skeleton and might have been the cause of the unfortunate sailor's death.

Not long afterwards the French divers, who had been working farther down the site, found the remains of a second skeleton. We tried to imagine the violence that could pound a ship to pieces with her crew trapped inside.

Jacques van Alphen and Riquet Goiran, who had both worked with





History in a tub...
Porcelain and pottery
fragments are left
soaking in water. If
relics immersed in
seawater for a long time
dry out quickly, the
salt that has permeated
them crystallises and
might damage them.

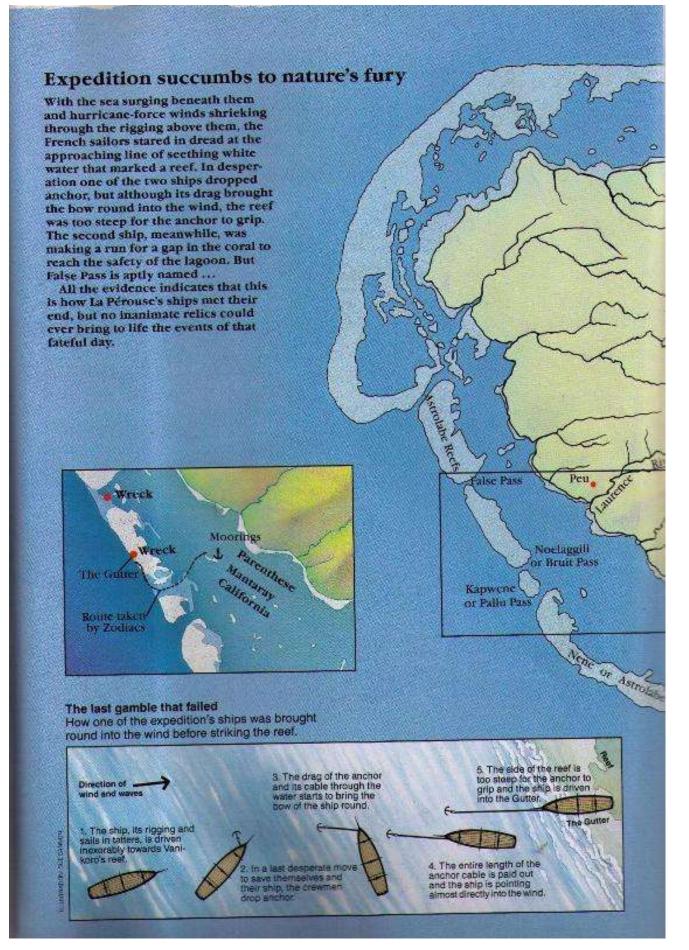
Jacques Cousteau, and Raymond Proner, a professional diver from Noumea, formed a unit of heavyduty divers we nicknamed the Swat Team. Their task was to explore the deep end of the site, down to 60 m, clearing away blocks of coral weighing up to a tonne ahead of the other divers and raising heavier relics with air-filled lifting bags.

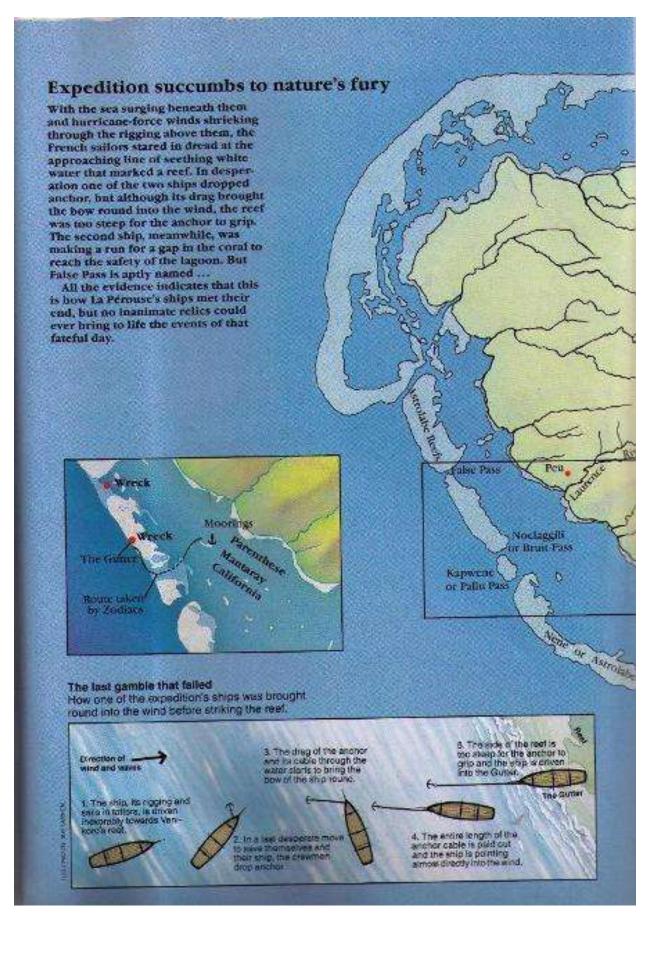
Ashore John Keopo explored the site of the survivors' camp at Peu. Helped by a group of islanders, he dug a number of trenches where we surmised the small boat might have been built. In the walls of two of the trenches John found the remains of a row of logs. Were these part of the palisade the survivors built, as they did at Botany Bay, to protect themselves from the islanders?

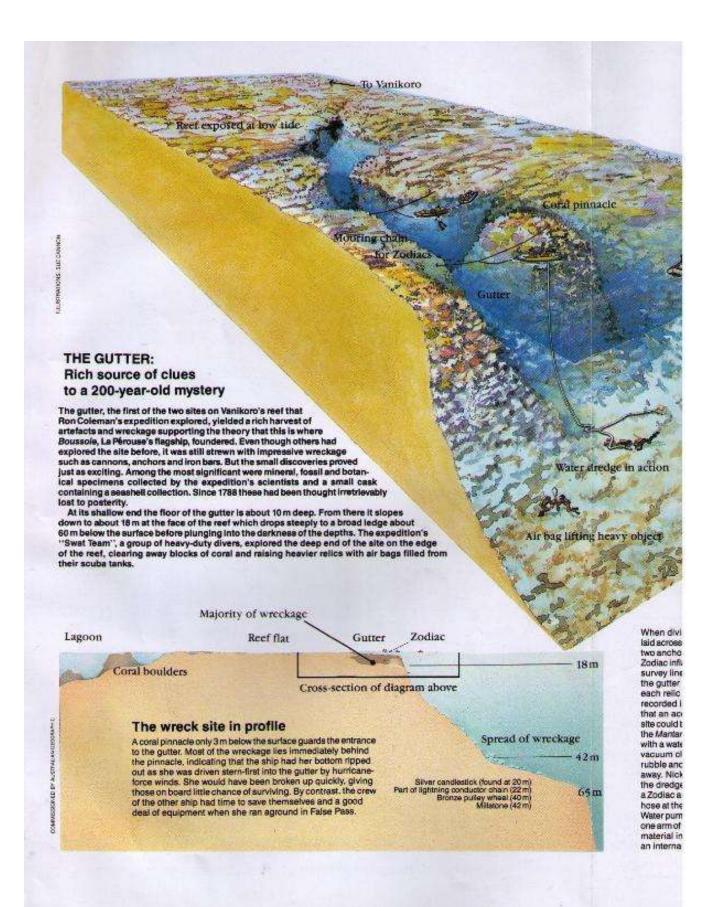
OWARDS the end of our time at Vanikoro some of the divers were sent farther north to explore the second wreck site. We had left this until last because we really didn't expect to find much there. The site is inside

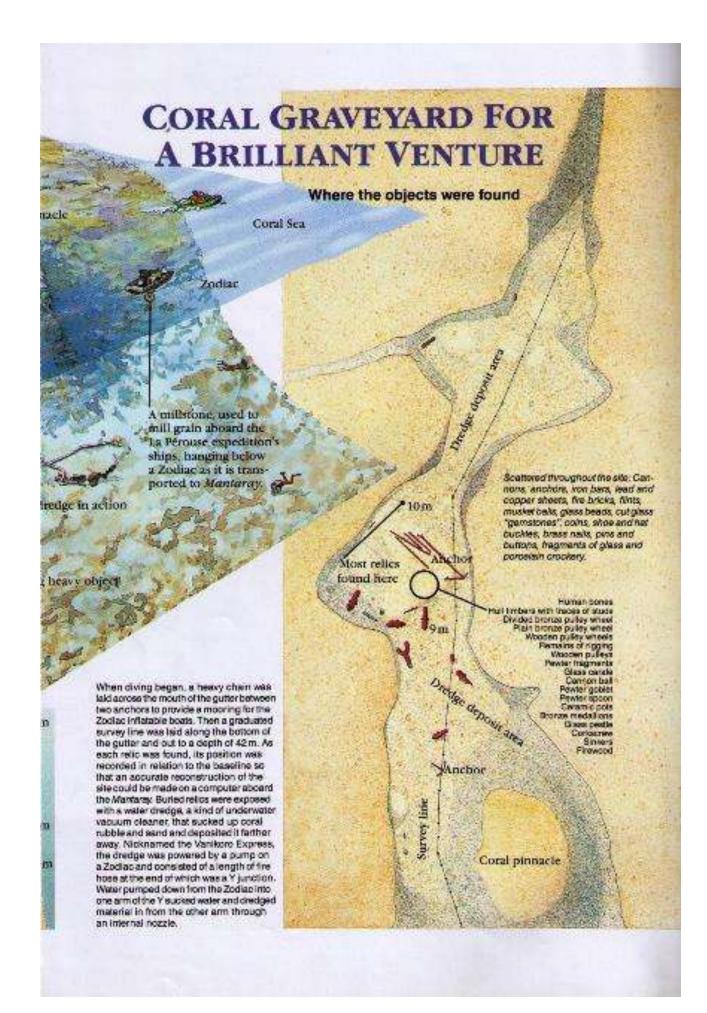
a shallow break in the reef called False Pass, through which very strong currents run. There we found concentrations of small relies. many of which related to the list of trade goods loaded in Brest. They included pewter plates and muga glass beads, cut-glass "gemstones" from cheap jewellery, more bronze medallions and brass gorgets, or throat armour. A brass compass housing and parts of navigation and scientific instruments also came to light, but there was nothing that related to the collection of specimens. Two heavy millstones. used for grinding grain on the voage, were raised with the air-barand towed 4 km back to Mantaru where they were winched on board

We would soon have to leave Vanikoro but already the information we had gathered was beginning to fall into place. The wreck in the gutter was producing materials or might expect to have been carried by La Pérouse's flagship. If this is correct and these are the remains of the Boussole, La Pérouse prohably de









RELICS THAT BRING HISTORY TO LIFE

The effects of violent shipwreck and nearly 200 years under the sea have not tarnished the significance of these relics, each of which tells its own story. The study of such material, whatever its condition, can bring history to life. We only have to see them to realise that they were actually touched and used by real people who hitherto were known to us only through lifeless words on dry pages. Many of the items recovered were gifts and trade goods loaded aboard Boussole and Astrolabe in France; others were specimens that the expedition's scientists collected around the Pacific

CHEEKBONE Was there a woman aboard Boussore? Forensic scientists believe this human cheekbone, recovered from the gutter, is female. Women often masqueraded

as men on ships in the 17th and 18th centuries, which might explain this intriguing mystery.

DAGGER AND ARROWHEAD These

two copper items, which La Perouse describes in his journal, were made by Tlingit Indians in Alaska. Le Perouse charted the Alaskan coast in 1786 and spent a month at Lituya Bay where he lost 21 sailors in heavy seas. A hundred years later an American arithropologist

American arithropologis discovered that the tragedy had become part of the Tängit folklore.



The mercury in this bottle might have been intended for repairing scientific instruments. In the 18th century mercury was also used to freat venereal disease, common among salions.

FLINTS Flints were the matches of the 18th century Called strikea-lights, they were often used

SHELLS Part of a collection of sea-shells in a wooden cask found realing on a human skeleton. Was the sailor trapped below decks and crushed by the cask in the terrifying chaos of the shipweck?

as gifts and trade goods.

GORGET More than 100 of these brass gorgets - throat armour - appear on the

PLANT SPECIMEN This plant

specimen, as yet uniden-

tifled, was probably collected by 24-year-

old Jean-Nicolas

King Louis XVI's gardener and botanist

Collignon, protege of

expedition's cargo list. They were popular proaments among Pacific natives and as late as the early 1900s were still being exercised to Australian Abortigines for heroic deeds

BUCKLE Ordinary sallors seldem were brass shoe buckles like this, suggesting

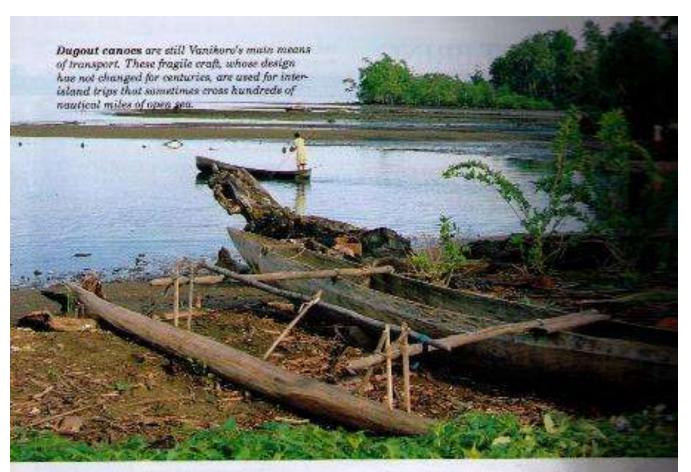
that it belonged to a more affluent member of the expedition, perhaps an officer or a scientist HELMET Fifty-two of these dragoon helmets, once address with leathers and horsetails, were intended as gifts for native chiefs.



FOSSIL The localised mollusc was probably collected by Jean Honore de Lamanon, the expedition's naturalist killed by Samoans in December 1787.

COINS These Chinese coins might be those mentioned by La Perouse as having been taken from a burial site on the Chinese coast in 1787, and the silver pieces of eight were probably the proceeds of the

sale of sea-order pets bought in Alaska and sold in Macao



not survive. He often complained about the condition of his ship's rigging in his journals. The distribution of the wreckage suggests the ship struck the reef stern-first. In a cyclone a ship with rotten rigging could easily have been dismasted, lost its sails or otherwise been disabled. In such a situation the normal procedure was to drop anchor and hope the ship would be brought to a stop before going onto the reef. However the reef face at Vanikoro is too steep for an anchor to grip Nevertheless the drag of the anchor and its huge hemp cable would have swung the ship's bow around into the wind so that she was carried onto the reef backwards.

The second ship, seeing the first in trouble, would naturally have attempted to give aid. She appears to have tried to penetrate the reci to help from the calmer waters of the lagoon. False Pass has every appearance of a safe entrance but in fact the bottom slopes steeply and is not deep enough for a large ship. Its name is appropriate.

The second ship ran aground on the coral bottom of the pass and stayed there. The archaeological evidence indicates that she entered the passage intentionally and did not suffer the ravages of the sea as the other did. This gave the survivors time to salvage most things they needed for their escape from the island.

Purther reconstruction of the events will be possible with more extensive study at Vanikoro It's like piecing pages of a book together from jumbled words. Once that's done, the pages have to be put in order. Even if it's not possible to put together a full account of the event, the study of the relics, in the context of a late 18th-century scientific expedition, has enormous potential.

E left Vanikoro for Brisbane aboard the Mantaray on 27 April, hoping to return in 1988, the bicentenary of hoth the founding of Australia and the disappearance of La Pérouse. All the human remains we recovered were returned to France where they were intensively studied by the Academies of Science and Medicine. They were to be buried near the La Pérouse monument at Albi, La Pérouse's birthplace.

The other relies are undergoing conservation treatment and study at the Queensland Museum in Book bane. They are the property in Solomons Government but so form part of the Queensland cum's exhibition during the Autoritism Bioentennial celebration in 1988.

The tragic loss of his ship to clearly overshadowed La Persona remarkable achievements. The montrode of the loss to posterious be gauged by the fact that Coulomb La Pérsonse have rightly bean compared. But though La Pérsonse unlike Cook, did not return, the main of the remains of his expeditionary give us historical integration appreviously possible.

Before he reached his limit call, La Pérouse began his au of the woyage with the words ancient spirit of discovery app to be extinct." The tenancies explorer went on to prove a it most certainly was not

Mombers of the Vankoro 86 wave would like to thank East West Advisory Castlemaine Persons for their wastername Persons for their wastername Persons for their wastername Persons for their sections of the Persons and Angel



Helped by islanders, John Keopo (far right), field archaeologist with the Solomons National Museum, excavates the site of the French survivors' camp.



The La Pérouse monument at Peu was built in 1959 by members of Reece Discombe's second expedition.

Melancsian charm shines from the face of this pretty girl. She was one of the Peu villagers who regularly paddled their dugouts to the expedition boats with gifts or to trade.