# 

### The night the Ballina was lost

On the morning of Thursday, February 13, 1879, the 290 ton paddle wheeler, "Ballina", pulled out from the wharf at the end of Horton Street, Port Macquarie, to begin her return trip to Sydney with a load of wool from the New England, maize from the Macleay and oysters and potatoes from the Hacling as well as some accepted rate. the Hastings as well as some assorted pro-

She was on her regular run, plying the North Coast from Sydney to Port Macquarie and the Macleay, carrying both freight and passengers

Macleay, carrying both ireight and passengers both ways.

Seventeen passengers were aboard — seven of whom embarked at Kempsey, the remainder at Port Macquarie.

Well-known names connected with the business community of the Macleay and Hastings — such as O.O. Dangar, Secombe, Lancaster, Verge and McNaught from the Macleay and Bryant, Cummins, Turnham from Port Macquarie, appeared frequently on the ships manifest and were listed in the shipping notes of the Sydney Morning Herald, by reason of the fact that they were affluent enough to afford a cabin. The other souls who made up the rest of the passengers were just grouped together in the shipping notes as steerage.

It was at the time the only form of transpor-

shipping notes as 'steerage'.

It was at the time the only form of transportation between the North Coast and Sydney was the shipping service which had a hey-day of more than 50 years.

Once road communication was extended and improved between the New England and the coast and the railway was pushed through to Wauchope in 1915, the death knell was sounded for the shipping service.

Only the amalgamation of rival companies and the lure of fat contracts kept the service afloat until the 1950s.

#### North Coast run

North Coost run

The "Ballina" was launched at the shipyards of Low Walker on Tyne in February 1866.

The Clarence and Richmond River Steam Navigation Company bought the vessel from the original owner, J. Alexander, and placed her on the North Coast run.

The company then dominated the waterway between Newcastle and the Tweed.

The C & R.R.S.N. Co. was the outcome of an amalgamation of the Clarence River Steam Navigation Co.

Later the name was changed to the Clarence and Richmond and Macleay River Steam Navigation Co.

In 1891 there was another name change after an amalgamation with John See and Co. (formerly Nipper and See).

To avoid an extended mouthful, the name was again changed to become the North Coast Steam Navigation Co., which was retained until the company went into liquidation in 1954.

A Sydney businessman, Maurice Bern bought two vessels for a song from the defunct N.C.S.N. Co. and continued the North Coast service as well as running to New Guinea.

The company, Bern Shipping Service, held the contract from the Nestles Company to ship Lactogen and Sunshine powdered milk from the company's wharf at Smithtown to Sydney.

But it was ovious that more business was needed from the North Coast to keep Bern's ships

busy.

At a public meeting held in the RSL
Memorial Hall in Kempsey, he made a plea for
support from Kempsey businessmen in using his
freight service, to no avail.

After about less than two years operation to the Macleay, Bern was forced to terminate his shipping service after the Department of Railways made a bulk freight deal with Nestles. The Bern owned ship, S.S. "Uki", made her last voyage to Smithtown in 1959.

#### Foul weather

And now back to 1879 as the anxious master of "Ballina" Captain J. H. Bedford, moved his

ship into the deeper waters of mid-stream and pointed her nose towards the river entrance. Heavy seas had been running for days along the north and south coast of New South Wales and some heavy falls of rain had been reported. Aware of the weather reports, Captain Bedford took every precaution to ensure that he would clear the bar, starting with depth soundings taken with the assistance of the pilot, before leaving the wharf and then continuing them all the way as "Ballina" moved towards the bar. The freight was well fastened into position— and so were the passengers, who showed no concern for the heavy seas ahead of them. Anxious to give the spit a wide berth, Captain Bedford kept his ship well clear of the black marker buoy as he steamed past and then changed course slightly to the north, to swing "Ballina" into deeper water, but the manouvre was not successful. Heavy seas had caused the sand spit to shift slightly placing it in the path of the vessel.

"Ballina" struck the sand and remained fast twith perfect in the engine in

"Ballina" struck the sand and remained fast while Bedford tried to pull her off with engines in

reverse.

A wave hit the ship broadside on and made her settle deeper in the sand.
Bedford decided there was only one thing for it. He had the crew fasten a hawser to the ship and take it to the beach on the North Shore where it was secured.

Both Bedford and the pilot were confident the high tide that night would float his ship off

spit.

Meanwhile, all passengers had been taken

Meanwine, an parallel safely ashore.

By 9 o'clock that night, the weather had deteriorated.

Waves were now breaking over the stricken

Waves were now breaking over the stricken vessel.

Bedford ordered the engineer to keep the engine running, ready for the moment she would break free as the tide rose, But this was not to be.

The engine broke down. Moments later, a huge wave almost engulfed her, sending a huge volume of water down into the engine room.

It looked as if the "Ballina" was doomed.

In a last ditch stand, Captain Bedford ordered all deck cargo to be thrown overboard, including several hundred bales of wool, which were to litter the beach of North Shore for many weeks.

It was now early in the morning of the 14th. Water was pouring down through the hatches and into the sponsor-house (the covering over the paddle wheels), down into the very bowels of the ship.

There was now little hope for the "Ballina."

There was now little hope for the "Ballina." With a heavy heart, Captain Bedford went



A model of the paddle wheeler Ballina made up by the Hastings Valley Maritine Ar-chaeology Association, Mr Phil Bowman, and on the left Mr Jeff Jepson, a local designer who drew up the plans for the proposed maritme museum.

ashore with his crew and composed a telegram to his principals advising them of the catastrophe.

#### Unlucky streak

Unlucky streak

It was a week of uncertainty for the safety of
several of the company's ships during the heavy
weather conditions prevailing at the time.
Prior to receiving notification of the
"Ballina" disaster the manager of the C &
R.R.S.N. Co. had received artelegraphed message
about the "Platypus," which seemingly would be
a total loss after going onto spit on the NorthShore of the Richmond River and springing a
leak, after almost completing her voyage from
Sydney.

Luckily for the ailing fortunes of the company, she was refloated and lived on to be broken up in Sydney in 1898.

Concern was also being held for the "City Of

Concern was also being held for the "City Of Grafton," which was due to leave the Clarence River on the morning of February 14, at the time the "Ballina" had been abandoned. However, a timely telegram from the ship's master, Captain Bracegirdle, informed the manager that the seas were too heavy to put to sea and she was being held in the river until the poor weather conditions abated somewhat.

On the night of February 14, the "Ballina"

On the night of February 14, the "Ballina" passengers called a meeting at the Royal Hotel in Port Macquarie and invited Captain Bedford to

address them.

After hearing him out, a vote of confidence of the gallant master was passed and conveyed to readers of the Sydney Morning Herald in the form of an advertisement.

This was the advertisement they inserted:

Port Macquarie, 14th February, 1879. To Captain Bedford Sir. — We, the undersigned storekeepers and residents of the town of Port Macquarie, desire to

e proposed maritme museum.

express our deep sympathy with you under trying circumstances of the wreck of the Ballina in your charge, and to express our unreserved confidence in your skill and ability and general courtesy while in command of the said vessel, and have to sincerley regret that unfortunate circumstance which has deprived us of steam communication for the present, the more so as we can testify to the energy and tact displayed by you in working up the trade to what may be considered, and no doubt is, remunerative to your employers, and beheficial to the residents of this district, and regret exceedingly that, after having achieved so much, and when all was in fair working order, this lamentable catastrophe should have occurred.

But we trust ere long, to find you again in command of another vessel trading to this place, so that you may see your labours to establish this trade an entire success.

We are,

We are,
Yours Sincerely
(Here follow signatures)
On that day Captain Bedford telegraphed another communication to his Sussex Street-based company, which read:
"Wool coming ashore on North Beach. No hope of saving out of the ship at present; cannot get alongside; am sending all hands over to save what they can; no hope of leaving here at present: too much sea."
At this stage the weather was still thick and it was raining. The schooner "Brilliant", which had been anchored off the port for the past five days, left that morning bound for destination north.

North. Within the port, the ketches "Victor," The Sisters" and the "Ettie" were bar bound.

As for the "Ballina", she was now breaking up. It was a dismal day for Captain Bedford—and the R & R.R.S.N. Co.

#### **Blameless**

Biomeless

The subsequent Marine Board of Inquiry came to the conclusion that "no evidence had been adduced upon which to found a charge of default against John Bedford, the Master."

Shipping accidents and the complete loss of ships and lives was such a frequent occurrence in these years that the news hardly warranted headlines in newspapers.

Such incidents were usually included in the Shipping News in the Sydney Morning Herald in small type.

In another court of inquiry conducted a few

small type.

In another court of inquiry conducted a few months later over the loss of the 349 ton paddle wheeler "Agnes Irving", which was wrecked in December 1879 at the mouth of the Macleay River, the master didn't get off so lightly.

His certificate was suspended for three mon-

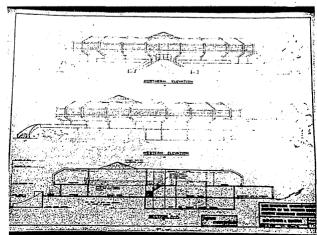
ths.

"Agnes Irving" was driven onto the southern spit at the old entrance to the river, just below Grassy Head.

Since then "Agnes Irving", like "Ballina," has rested half buried in sand, until re-discovered

Over the years, "Ballina" settled into her grave and remained mostly covered in sand until January 1908, when a diver, engaged by the Department of Navigation arrived from Sydney (Continued from Page 14)

Port Macquarle News, Tuesday, March 15, 1983 13



How the museum will look from the north (top) and west (centre).

#### **Entertaining** at Easter with Cinzano

Easter this year falls at the beginning of April with the Easter Weekend starting on Friday, April 1, and finishing on Easter Monday, April 4. Easter is traditionally a time for families and children, for Easter Bunnies, chocolate eggs and Easter picnics.

Cinzano has prepared some mouthwatering recipes for Easter desserts and drinks using Cinzano Coffee and Jamaican Supreme.

SPONGE DESSETT WITH CORTES SUPREME

1 cup of Cinzano Coffee Supreme
2-3 puckets small sponge fingers
2-3 cups egg custord
1 cup chopped dessert prunes
1 cup creem, whipped and slightly sweetened
Toosted ollmond silvers
Extra prunes for decoration

Extra prunes for decoration

Extra prunes for decoration
Line a 25cm spring form pan with aluminium feil and
grease well. Arrange sponge fingers around sides and base of
pan cutting as required.
Spoan about ½ of custard over base of sponge fingers
and scatter over some chapped prunes. Continue with the
layers of sponge fingers, custard and prunes until all are used. Cover and chill well.

To serve, carefully remove from pan and peel away foil.
Side onto description.
Pour Cinzano Coffee Supreme over dessert and spread,
with whipped cream. Decorate with prunes and slivered
almonds.

SUPREME TRIFLE

1 winegloss Jamaican Supreme 8 sponge cakes 34 pint chilled zobaglione 1 oz blanched almonds

loz blanched almonds
½ plat cream
3-4 thsp strawberry jam
Split the sponge cokes in holf. Sandwich with strawberry
jam, cut in three. Line bottom on triffe dish. Sprinkle with
Jamaican Supreme, adding enough to moisten cokes
thoroughly. Stand for half an hour. Cover with zabagliane,
then with a loyer of lightly whipped cream, layovered to taste
and slightly sweetened. Decorate with almonds.

COFFEE SAVARIN
1/2 cup Cinzono Coffee Supreme
1/3 fib flour

If tup Cincano Coffee Supreme
If the Year Supreme
If the Year Supreme
If the Year Suprement Suprement Suprement
If the Year Suprement Su

with ony mixture of cold fruit you like. Serves 6.

RAISIN WARNUT MOULD

'A cup Jomaicon Supreme

'A cup hot strong coffee

'A cup hot water

I tasp gelatine

'I cup chepped raisins

I cup quartered marshmollows

I tspn grated orange ind

I cup cream — whipped

Extro cream, chocolate and walnuts

Dissolve the gelatine in hot water, add the coffee,

Jamaicon Supreme, grated chacocate and brown sugar; stir

over hot water to blend. Cool until the mixture is a thickened

fagy white consistency, whisk until light and liftyfy. fold in

the raisins, marshmollows, orange rind and cream and turn in
to a lightly olde mould.

Chill until firm, unmould and decorate with cream,

chocolate and walnuts as desired.

EASTER EGG NOG

Vi or Cinzono Coffee Supreme
loz Metaxa Brandy
loz ornape luce
loz single cream
legge Separate the egg yolk and mix with the other ingredients. Stake vigorousty with ice for at least 20 seconds to thoroughly mix the egg or use a blender.

For a short drink, strain ingredients into 5oz champagne glass and gerarish with nutmen. For a long drink, half fill a highball glass with mixture and top with lemonade.

### The night the Ballina went aground

with instructions to blow up her remains, so removing another shipping hazard.

As the Port Macquarie News reported at the time, "several attempts were made with large charges of gelignite and columns of water 50 or 60 feet high were raised by each explosion.

"The fish naturally suffered with concussion and some residents made good hauls."

#### Exposed

According to the report, the diver returned Sydney contented that he had completely moved the wreck, but it seems this was not so.

Now and again the remains of the old paddle wheeler made the news, but there was no further attempt made over the years to remove this hazard as sand moved across and took possession.

In 1978, divers employed by the Department of Public Works on the construction of a new breakwall on the North Shore came across the wreck after swirling currents around the newly established rock formation had gouged out some

Part of one paddle wheel and some of the hull could be viewed underwater.

Local divers, members of the Hastings sub-branch of the Marine Archaeology Association, decided to take a closer look after souvenin hunters had been seen removing some of the

Through the efforts of the association, led by Laurie Dickenson, Geoff Tame and others equally concerned at the rape of the relic, the NSW Premier had it declared an historic wreck which was the signal for "hands off."

President Dickenson said that his association would undertake a survey to catalogue all the features of the wreck with the view to having it raised and preserved and then placed on display if not in Port Macquarie, at the Maritime Microwin is Surface. Museum in Sydney.

The association was given encouragement from the Museum of Applied Science in Sydney.

In 1979, the federal government introduced legislation to amend the Historic Shipwrecks Act of 1976, to embrace wrecks along the coastline.

As the Federal Minister for Home Affairs, Mr Ellicott, said at the time: "the Ballina would now be protected under this Act and so was likely to be a source of artefacts from the late 19th cen-tury and more importantly, a study of its paddle wheels and engine would provide valuable infor-mation on the marine technology of the period."

#### Big project

Last week, Mr Phil Bowman, representing the re-formed Hastings Marine Archaeology Association, displayed a model of the "Ballina" at the regular meeting of the Hastings Municipal Council in Wauchope and sought the council's approval in principle to a scheme, almost

breathtaking, which would involve the setting up of a maritime museum in Port Macquarie near Town Beach, alongside King Neptune Park. Without hesitation, the council gave Mr Bowman's association its blessing.

The centrepiece of the exhibition will be the remains of the "Ballina" — assuming plans afoot for the Royal Australian Navy to bring her remains to the surface and then despatch them to Newcastle for preservative treatment, can be accomplished.

Newcastle for preservative treatment, can be ac-complished.
What is left of the old ship, will be given a final resting place on dry land, at Port Macquarie.
Mr Bowman told the council that if the pro-ject could attract sufficient government grants, both state and federal, and sufficient interest is shown locally in raising the balance of the money required, the Port Macquarie Maritime Museum should be functioning in time for the Australian Bi-Centenary Celebrations to be held in 1988.

A total figure of about \$2 million was mentioned.

The museum, which would be Port Macquarie's contribution to the year long celebrations, would be of the calibre of Timber-town

Meanwhile, as plans are being laid to get the project off the ground, the shifting sand is now moving across to shroud the old wreck, as if in a bid to keep her remains where they have rested for 104 years — albeit disturbed occasionally, at 'the mouth of the river', which aborigines called "Balluna' and white man chose to call 'Ballina.'

#### LEISURE CRAFTS

by BARBARA HEMMINGS

#### STAINED GLASS

The 11th century craft of stained glass is finding new popularity. If you love the effect of light filtering through colored designs, why not gain that effect with cardboard and cellophane

with cardboard and cellophane

This simple craft is ideal placed in windows that don't need curtains, to brighten a child's room or add interest to a highlight.

All you need: Measure the window and get sufficient stiff black cardboard to cover; an assortment of colored cellophane; clear paper glue; scissors; ruler; craft knife.

Method: Flowers, birds and butterflies are all delightful topics for stained-glass. Draw your design (or copy mine) full size. Make sure each line is drawn double yet no thinner than 5 mm, sufficient to hold cellophane in each area. Work a wide black border and don't use over large areas without some structure through them to support cellophane.

cellophane.
With a colored or dressmaker's pencil, draw the With a colored or dressmaker's pencil, draw the design onto cardboard. For a neater finish draw on the back but remember this will reverse the design. Using a sharp craft knife cut each line. The areas to be cellophaned will fall out, leaving the black lines.

Lay a piece of cellophane over the area to be filled. With a biro, mark the area onto the cellophane allowing sufficient room for glueing without the cellophane overlapping another area. Glue each piece of cellophane in position. Check each step to make sure the effect is as desired. Cellophane can be glued on in layers to intensify or change colors e.g. two layers of red produce a



deeper color, while blue over yellow creates green. Experiment by holding the colors up to the light before actually glueing.

Once the design is complete and touch dry lay it flat, place a board over it, add some weighty books and press overnight. Attach to the window with generous application of doubled-over sticky tape.

#### **BOOK REVIEW**

#### Two books about current TV series

The ABC has just completed a version of the siege of Masada, but here is a book supplementing it and revealing the intimate details of the lives of people behind the violence and details.

"The Glory of Masada", compiled by Raphael Posner and A. Van der Heyden, is a book of truly glorious photos accompanied by most interesting, mind-broadening informa-

tion about the geography, history and significance of a great rock in a weary land. "Masada", the book tells us, "is a rock in the desert, a luxurious fortress built by a paranoid king. It is 960 patriots holding out against the might of the Roman empire. It is mass suicide when hope is gone. It is archeological expedition of unprecedented poignancy. But still more, it is a silent monument to heroism and a symbol to a reborn nation."

tion."

The restoration of Masada was undertaken after the establishment of the state of Israel, and revealed an archeological treasure trove of household utensils and all the accessories of everyday life. Fragments were discovered of the books of Psalms, Ezekiel and Deutteronomy and have been dated as prior to AD 70. Text and divisions are said to be very similar to the traditional Jewish version. Indeed, to the regathered Jewish nation, Masada is an inspiring symbol of its indestructibility. This is "The Glory of Masada".

"The Support Soul" shown again on

"The Sunburnt Soul", shown again on ABC in four sessions commencing March 3, will be reviewed next week. Reviewed by Phyllis Donoldson Port Christion Book Centre

#### COIN COLUMN by GREG McDONALD

#### New Italian releases

Italy will soon release two com-memoratives to mark anniversaries for two of their famous sons.

on their famous sons.

A 500 lira coin will honour Galilei (1632-1982) and Garibaldi which will also be dated 1982. Cannot help thinking that the coins would have had more impact if they were released last year. It's a bit like going to the Melbourne Cup this year and presenting the cup to last year's winner!

#### Another royal offering

If it wasn't for the Royal Family, a lot of countries' financial statements would look a lot worse. Revenue from wedding souvenirs and assorted birthdays and births have all helped to swell the coffers of government and individual alike.

Over 40 different coins were issued worldwide to celebrate that wedding. Tuvalu has come

wide to celebrate that wedding. Tuvalu has come up with another to mark a recent Royal Visit. The crown sized coin has a face value of \$10 and features a portrait of the Duke and the Queen on the reverse

The visit was a highlight of the year for the li country formerly known as the Ellice

#### Sell your rare coin at auction

Spink and Son is preparing for their mid-year auction already, even though their March auction has yet to be held.

The company is inviting people with rare or choice material for sale to include it in the auctions.

For more details contact Spink in Sydney on 27 5571 or in Melbourne on 61 2799.

#### A pig of a year

The Chinese calendar this year honors the pig and the Hong Kong Mint recently announced details of its \$1000 gold coin.

Struck at the Royal Mint in London, the coin will be issued in both proof and uncirculated

version.
Only 22,000 of the proof and 33,000 of the uncirculated coins will be struck for world-wide

distribution.

distribution.

Each coin contains 15.98 grams of gold (compared to our own \$200 gold coins with 10 grams) and is in 22 carat.

Price of the proof is \$725 with the uncirculated coin selling for \$475. M. R. Roberts of Sydney is handling orders at present.

#### Afganistan problems

As if Afganistan didn't have enough problems. News is that the strife-torn country has started printing new banknotes without bullion backing. It seems that rampant can be added to the coun-try's list of week.

#### Dud fivers

Counterfeit English five pound notes have surfaced in Dublin, Ireland.
Quality is said to be very good and so far about 100 notes have been discovered.

SHOP LOCALLY — IT'S YOUR TOWN SOME OF THE BENEFITS OF SHOPPING LOCALLY

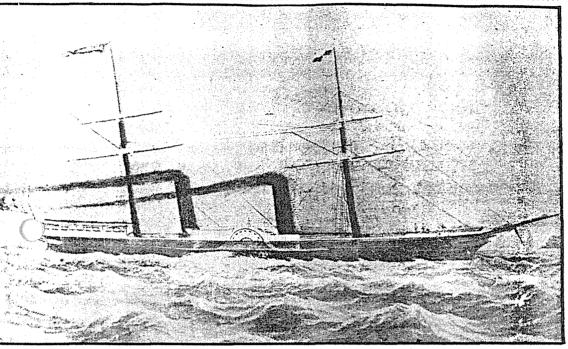


You deal with sameone you know

Spending locally helps the district to prosper and provides more employment

This message is presented as a community service by the Port Macquarie News





The Ballina leaves Tyne for Australia exactly 102 years and one week ago July 3, 1865.

### SS Ballina's greatest claim to fame is her watery Hastings grave

About 30 metres in from the outer end of the north break wall of the Hastings River, lie the rusting remains of what was once a proud oceangoing paddle steamer.

This ship, the Ballina, is the feature in our historical photograph series this week.

The Ballina was a frequent and well liked visitor to Port Macquarie in the 1870's, carrying passengers and freight to and from Sydney and other ports up and down the NSW north coast.

The ship started her career in Low/Walkers shipyard on the River Tyne in northern England. She was 179.4 feet long, 24 feet wide and 9.6 feet deep, weighing 253 tons gross and driven by an 80 horse power two-cylinder steam engine assisted by sail.

She left the Tyne in 1865 on her delivery voyage to Australia which took 67 days.

During her eight years of service she was involved in a number of

incidents once she rammed and sank the sailing ship 'Sulphide' and on another occasion there is mention of her picking up survivors from the ketch 'Will Watch' which had capsised.

Of course her most famous claim to fame occurred the afternoon of February 14 1897 as she was leaving Port Macquarie.

Almost clear of the channel she ran aground and broke her back, becoming a total wreck, so ending a 14-year career.

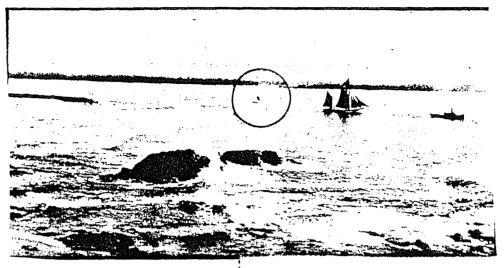
### P.S. Ballina

About 30 metres in from the outer end of the North Break Wall of the Hastings River, lie the rusting remains of what was once a proud oceangoing paddle steamer. She was a frequent and well liked visitor to Port Macquarie in the 1870's, carrying passengers and freight to and from Sydney and other ports up and down the New South les North Coast.

This ship started her career in Low/Walkers shippard on the River Tyne in Northern England with a length of 179.4 Ft. 24 Ft. wide and 9.6 Ft. Deep weighing 253 tons gross and driven by 80 HP. 2 cylinder steam engine and assisted by sail. She left the Tyne in 1865 on her delivery voyage to Australia it is said she took 67 days.

On her arrival in Sydney she was docked at Morts Dock where the forward boiler & funnel were removed, she then went into service for her owners The Clarence and Richmond River Steam Navigation Co.

During her years of service she was involved in a number of incidents one was when she rammed and sank the Sailing Ship "Sulphide" and on another occasion there is mention of her picking up survivors from the ketch "Will Watch" which had capsised then on the afternoon of February 14th 1897 as she was leaving Port Macquarie and almost clear of the channel she ran aground and broke her back, became a total wreck so ended the 14 year career of the PS "Ballina".



#### ATTEMPT TO REMOVE BAR HAZARD

Dangerous wreckage at the harbour entrance to Port Macquarie will be removed by explosives this week.

The wreckage, situated in the channel outlet on "Ballina Spit", has been causing great concern to fishermen over the past months, who have been using the channel to navigate a safe passage over the bar.

The wreckage consists of heavy metal plating and stakes, part of which protrude from the surface of the water at low tide.

Officials from the Public Works Depart-

Officials from the Public Works Department inspected the wreckage three weeks ago, but were then of the opinion that it would be deargroup to explain it.

be dangerous to explode it.

However, they now believe it will be possible to blast the part which juts out of the sand.

Mr. Jenkins, Coffs Harbour Public Works officer, said today that he did not know whether the blasting would be successful or not.

not.

"All being well the operation will take two days to complete, and only 100lbs. of explosives will be used — it's not really a very big job, providing conditions are good," he said.

Mr. Manuel, a Public Works diver, who has already had a great deal of experience in underwater demolition work, will carry out the operation.

He will be accompanied by Pilot officer, Mr. Max Morgán.

The "News is indebted to Dr. McLaren for the loan of this "early day" picture — a tug taking a sailing vessel to sea and a portion of a bar wreck protruding, circled. It is believed to be part of the wreck which is to be removed this week.

# RECK S -TSTORICA

The Premier of NSW, Mr. Wran, will be urged to invoke the provisions of the Historic Shipwrecks Act to protect the 99-year-old wreck of a paddle-steamer uncovered off the mouth of the Hastings River.

At the recent Premiers' conference, the Prime Minister, Mr. Fraser, approached the States to take over the administration of the Act, which protects shipwrecks deemed to be historically important.

However, only Western Australia has so far agreed to take responsi-bility for such wrecks within the three-mile

not NSW takes on the Act

marked with a buoy, warning large vessels that parts of her stern are only 2.7m (9 ft.) below the surface at low tide.

#### Above the

sociation of NSW aims to ensure that important

ensure that important wrecks are preserved.
"Today I have been trying to contact the head of the Association, Dr. Bark, to see if he can instigate some action.

ome action.

"The association is a professional body which intends to educate divers to try to preserve relics such as the Ballina."

#### Museum display

Australia has so far agreed to take responsibility for such wrecks within the three-mile limit.

A curator of Sydney's Museum of Applied Arts, Mr. N. Harwood, lold the "News" on Friday that until the same provisions are invoked for wrecks off NSW, authorities and historians are powerless to stop professional and aimateur divers stripping the wreck of the paddle steamer.

"We have no teeth," Mr. Harwood, curator of the museum's transport and historians are transport and museum's transport and congineering section, said by telephone from his office in inner-city Broadway.

"The wreck, believed to be that of the 299-ton paddle-steamer, the Ballina, is fairly intact and considered of historical importance. But whother or standard for the sallina, is fairly intact and considered of historical importance. But whother or standard for the standard for the standard for the standard for the sallina, is fairly intact and considered of historical importance. But whother or standard for the succession of the marting that can be salvated acused sand bars to shift and partly uncover the wreck.

Extensions to the Hasting S River's northern breakwall caused sand bars to shift and partly uncover the wreck.

Extensions to the Hasting S River's northern breakwall caused sand bars to shift and partly uncover the wreck.

Previously the 13-year old vessel was buried under several metres of sand.

Previously the 113-year old vessel was buried under several metres of sand.

Soon the only divers who to publish details or its could be sever in adversed from the museum is devoted to the museum is devoted to the marting how the seabed.

Previously the 113-year old vessel was buried under several metres of sand.

Soon the museum's transport and historicans are trying for the Wicks and historical standard provided to the marting of the wreck have could be enough to tip of diverse as to the wreck's could be used to remove the wreck and standard provided to the marting of the wreck and provided to the marting of the wreck and provided to the s

### Historical wreck

Continued from Page 1.

Anything can be moved at a price."

News of the find sent

News of the find sent historians in Canberra, Sydney and Port Macquarie scurrying to their files for clues as to the vessel's identity.

PWD district engineer, Mr. Ron Collie, contacted staff of the Muscum of Applied Arts on Friday, for help in identifying the wreck.

plied Arts on Friday, for help in identifying the wreck.

The Department of Home Affairs, a Federal Government agency bas-ed in Canberra, is re-

d in Canberra, is responsible for shipwrecks and was also notified of the discovery.

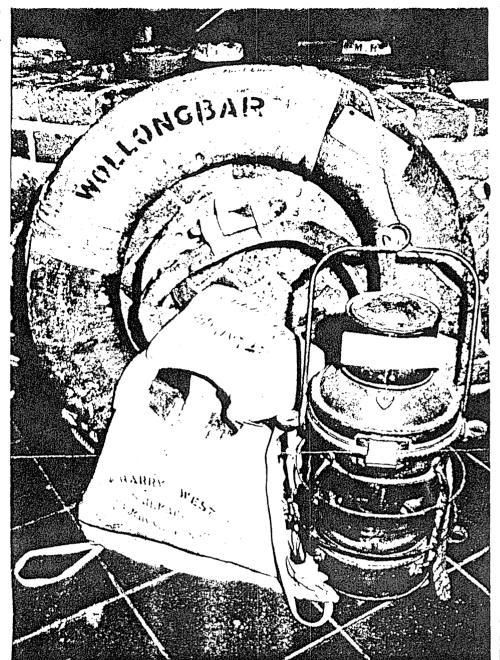
The vessel was first discovered by accident early this year.

Local Maritime Services Board officer, Mr. Max Mcrgan, told the "News" he was acting as chauffer to a PWD diver doing survey work in conjunction with the breakwall.

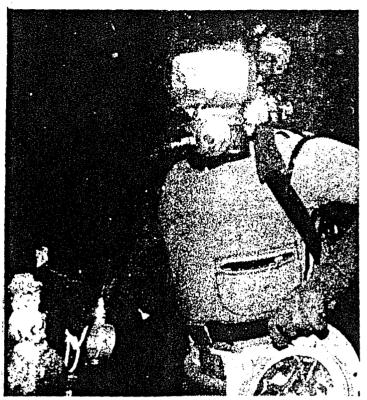
"He went down to see what had fouled the anchor of the boat," Mr. Morgan said.

chor of the boat," Mr. Morgan said.
"He said he'd freed it from the ribs of an old wreck."
Mr. Morgan said the Hastings River Fishermen's Co-operative expressed concern about possible danger the wreck posed.

posed.
This concern that the wreck constituted a naviwreck constituted a navi-gational hazard prompted the check by the three de-partment divers—Mr. Grif-fin, Mr. Dick Manuel and Mr. Brad Allen—on Thursday.



Fittings like lanterns and portholes are among the "treasures" authorities want to save for posterity from "Ballina."



The steam whistle and porthole Port Macquarie diver, Eric Toms, is holding, is destined for the local museum, but other relics, taken off the Ballina wreck are not. This photo was taken during a dive on the wreck.

### UNDERWATER ON THE 'BALLINA'

"I couldn't believe it. It's like one of those ancient cities dug out of the sand."

That's how experienced Kempsey scuba div-Bob Sands described his first view of the wreck of the paddle steamer, Ballina.

Using a \$400 underwater flashlight and sophisticated camera equipment, Mr. Sands dived on the 99-year-old wreck last week and took this photograph. "It is remarkably intact. "About two-thirds of the hull is exposed and unlike most wrecks it is not covered with soft coval and

ered with soft coral and

ered with soft coral and seaweed.
"It is the best centuryold wreck I've ever seen."
But, while Mr. Sands' photographs are the first ones published of the exciting discovery, he is not the first to dive out.
Other local divers have already "plundered" the wreck, considered historically important.

wreck, considered historically important.
He said only a few of the divers intend to hand over what they have taken to the Hastings District Historical Society.
Fixtures, such as a porthole, have been "ripped off" and Mr. Sands warns that Port Macquarie's divers must consolidate effects already made to save tyreck's relics for posterity.

# DIVER

and others were told that a Ballina Project Committee, consisting of local divers and other experts should be form-

time Archaeological Asso-

time Archaeological Association.

He said the committee, consisting of the divers and experts such as metalurgists and radiographers had a fair chance of making an-"archaeologically-acceptable" survey.

A hobby diver, Mr. Geoff Thame, of Port Macquarie, has agreed to take on the job of contacting all this

jcb of contacting all the people needed for the time-consuming survey. He will then announce a date for a meeting to

a uate for a meeting to form the committee, which, as well as guidance and expertise, will need a scurce of finance for its work.

"Besides diving on it will be difficult after August when the northerlies start and there is a danger a good flood early meeting of divers that next year will break it their full support was up."

The warning that the casily - accessible Ballina could be raviched or lost, claimed in NSW by the came as moves were being state Government.

"Advice and instruction on both survey and conservation is available from authorities within Australia," Professor Bach told the divers. There are several cases overseas where "They are going to have to get motivated and do something about it soon."

Mr. Sands said.

"Otherwise it is going to be picked over like a chicken bone and the relictes will be scattered from that a Ballina Project Committee, consisting of local divers and other experts should be formed.

The advice came from expert authorities, have set up their own adequate conservation facilities.

The advice came from expert authorities, have set up their own adequate conservation facilities.

"These procedures, how-

### ON THE 'BALLINA'

Since 1970 the Dutch and Australian governments have worked together on archeological projects involving the the W.A. coast.

Continued from page 1
ever, require the full cooperation of local divers if the archaeological activities of cur group are not to be burdened by interference from others not previously interested in archaeology.

"Without legislative help such co-operation must be generated locally by publicity and pressure put so that the occasional pure souvenir hunter feels obliged by public opinion, to keep out of the way."

"The NSW Government has been asked by the Federal Government to administer the Historical Shipwrecks Act, which would place responsibility for historic wrecks like the Ballina with the State.

Moves for the States to take over the administration of the Act were made at the recent Premiers' Conference, but despite pressure from authorities concerned about the vulncrable Ballina, only WA has agreed to do so.

"As well as the legal problems, the professor of history also outlined technical problems encountered in maritime archaeology, in Western Australia.

Since 1970 the Dutch and work done on the bottom, its exact measurements and the exact location of each problems the foremand Australian govern
"This normally would need a careful gridding over, ideally a photo/mo
"Every artifact re
"Yound for the Dutch sales of the work on two of the Dutch slieds of the Dutch and Australian govern
"This normally would need a careful gridding over, ideally a photo/mo
"Every artifact re
"Eve

Every "Every artifact re-moved from the wreck should be plotted pre-cisely on the master plan."

Port Macquarie News 31st July, 1978.

### Police step in — moves το stop divers looting wreck

The State Government has taken emergency action to save the historic wreck lying off the mouth of the Hastings River from looters.

Port Macquarie police have been told to guard the largely-intact wreck of the Ballina, which until earlier this year was shrouded by sand at the river entrance.

A police spokesman said yesterday that checks on the ensity-accessible wreck site would be made during regular. The ban on unauthor-

police.

Short said.

"There could be artefacts and fixtures of historical interest and the
Premier wishes to ensure
the remains of the ship
are not disturbed until
they have been appraised
by the appropriate experts."

"There could be artetrance.

He said there are also
fears that heavy logs carfears that heavy log

### Souvenir

police patrois.

The said unauthorised diving opens the way for a controlled archeologivers found there would face possible prosecution.

Residents of foresnore week, which maritime homes overlooking the archeologists rate a rare liver mouth have been asked the report any activity at the wreck site to police.

In an exclusive release to the "News", a press of rice: I from the Fremier's Department said concern over the vumerable 99-year-old wreck had reached ministerial level.

"Police are watching the wick to ensure it is investigated in a proper and constructive manner in the best interests of the community," Mr Phillip Short said.

BEXPERS 

A team of local divers and technical experts is being formed to start the urgent task.

The team organiser, Mr Geoff Thame, said it was soon as possible before northerly summer winds make diving even more difficult, in the strong surrents at the river entrance.

to the northern breakwall, uncovered the wreck and a Pandora's Box of prob-

above the bottom and who up until now have about 125ft. (37m) of its original 175ft. (53m) recording to be seen.

At low tide parts of the wreck's rigging and stern are only a few metres below the surface.

The part of the bottom and who up until now have be prevent or power to prevent removing from removing relics.

Kept watch

They have kept a

However, because the wreck is recognised as a hazard, the department must mark the wreck site with a buoy to warn large vessels.

Marking the site would

about how to protect the eological Association of NSW, Professor Johr A letter cutlining the Situation and asking for advice on the legal position, was sent to the Minister for Public Works, Ports and Housing, Mr Perguson

hunters

Authorities fear parts of the wreck may already be in the hands of souverirhunting divers.

Until now, police, local government officials and stand until recently. Chers diving on the wreck. They have been hampered because NSW has not yet been proclaimed the Historic Shipwrecks Act in its coastal waters.

Administration of the protective Act was handed over to the States 5y the Ballina sits upright

uncovered the wreck and advice on the legal position, was sent to the Minister for Public Works, and Housing, Mr Perguson.

Mr Ferguson continued the Premier's Department informing Mr Wran of the problem wreck and suggested that a ban be placed on unauthorised diving until the property work for the wall extensions discovered the Ballina, which had literally dus itself from its sandy until received that the property of the will extensive the protective Act was handed over to the States 5y the Federal Government at

wreck's rigging and stern are only a few metres below the surface.

Further investigation by the PWD divers revealed that the bow of the paddle steamer was perliously close to the northern breakwall.

The department has agreed with local fishermen that the Ballina constitutes a hazard to some shipping. But blasting it out of the water would be impossible they claim.

Shock waves travel a considerable distance underwater, and blasting is likely to damage the nearby breakwalls.

Shipping hazard

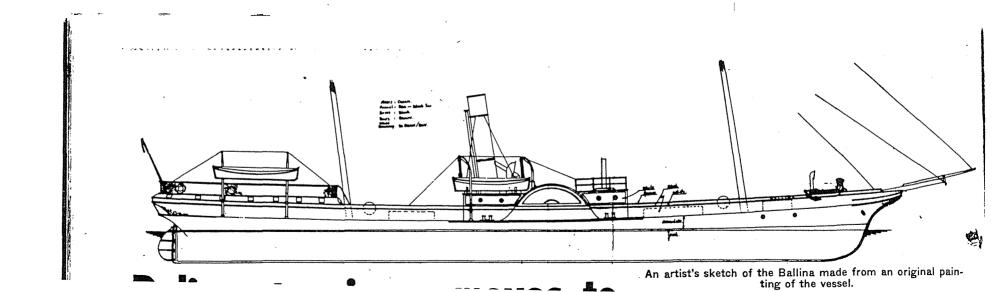
However, because the wreck is recognised as a hazard, the department are only a few made at a meeting of a meeting of

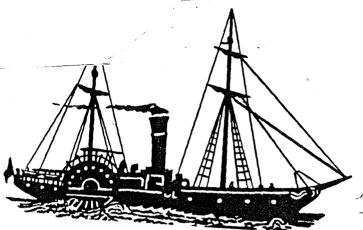
made at a meeting of about 35 divers and oth-ers in Port Macquarie last week.

#### Fair chance

Marking the site would be like inviting divers to strip the wreck of its replice, and the PWD's regional office in Coff's Harbour was in a quandary about how to protect the wreck.

A letter cutlining the Region of History at Professor of History at Professor of History at Professor of History at Professor John Region of History at Professor of History at Professor of History at Professor John Region of History at Professor of History at Professor of History at Professor of History at Professor John Region of History at Professor of History at Professor John Region of History at Professor John Region





Artist impression of the "Angus Irving," a paddle-wheeler in the mould of the "Ballina."

VOL XCVI - Serial No. 986

WEDNESDAY, NOV

### SAND COV PORT'S WRECK

A tremendous shift of sand caused by recent nor'-easters has robbed a local team of amateur marine archaeologists of the chance to carry out a study on the "Ballina."

The sand shift has again covered the 100-year-old paddle-steamer wreck, lying at the entrance to the Hastings River.

The team was State waiting on Government approval to begin diving on the paddle-steamer, rated rare and important find by the president of the NSW Marine Archaeological Asso-Professor ciation. John Bach.

Premier Wran banned unauthorised diving on the "Ballina" three months ago.

At the time he said a group would be nominated to save relics from the wreck for posterity, but no decision has yet been announced.

The "News" was informed of the latest development in the saga of the Ballina, by Mr. Max Morgan, the Maritime Services Board officer based in Port Mac-

#### No outline

"A fellow taking a close interest in the wreck said he was flying over it last week and noticed the outline was no longer visible," Mr. Morgan

"On clear mornings it could

be seen quite plainly from the

"The shift of the sand is due to the continued nor-easters we

have had recently.
"They can cause quite massive movements of sand," he

#### Situation altered

When news of the discovery was made in July, the wreck was

Mr. Morgan said the wreck lying largely uncovered in about 25 feet of water at the river entrance.

The nor'-east winds have altered the situation drastically.

"A depth sounding I made on Thursday revealed that there is now only about 11 feet of water at the spot, Mr. Morgan said.

#### Few feet showing

"That would mean that only a few feet of the rigging and perhaps part of the boiler are now showing above the sand," he added.

Previously most of the wreck could be seen, and divers were even able to swim through the engine room.

Mr. Morgan said the

nor'easters are a feature of the

weather conditions at Port Macquarie around this time of the

He said the sand may shift within days or alternatively it was possible we might not see the wreck again for years.

"The sand could shift away as quick as a flash," Mr. Morgan

"Floods early in the New Year could open up the river mouth and wash away the sand.

"But we may not see it again

did not constitute a danger to most of the vessels leaving Port Macquarie.

The MSB officer has been closely involved with the saga of the wreck, from its discovery to the recent wrangles between local divers over who should be allowed to dive on it.

The irony of the latest development has not escaped him.

"The best laid plans eh?" he said, during a brief interview on

#### Remarkable

The Ballina is remarkable in that it is largely intact. It sank after running aground TEAM

on a sand bar off the river en-trance, on February 14, 1879.

The sand which has shrouded it has kept it free of barnacles and other marine life which normally encrust wrecks.

To the marine archaeologists, the Ballina is a treasure trove of seafaring relics from a bygone age, when ships were the main mode of transport between the North Coast and Sydney.

What makes it even more important to the archaeological association, under whose direc-tion the local team would have worked, was the fact that there were only a relative handful of paddle-steamers in Australia before ships gave way to rail and

Now the plans to carry out a study of the Ballina will have to be shelved indefinitely, because time and tide wait for no man.

-Laurie Sullivan

### 'WRECK STUDY CAN BEGIN', -says diver

One of the first scuba divers to see the wreck of the paddlesteamer, Ballina, claims the proposed maritime archeological study can go ahead.

This is despite a report from the Port Macquarie Maritime Service Board officer, Mr. Max Morgan, that persistent nor-east winds have caused the century-old wreck to be almost covered by sand.

Mr. Morgan said that there was now only 11 feet of water at the wreck site, leaving only a small portion of the boiler and rigging visible.

The Maritime Services Board officer spoke to the "News" after making a depth sounding of the site, which was 25 feet below the surface when the wreck was discovered by Department of Public Works divers earlier this year.

The report in Wednesday's "News" said that the ar-

cheological study team—which will map and survey the Ballina and restore its relics—may not be able to begin the

The diver is Mr. Eric Toms, a former professional scuba diver, who has dived on and photographed a number of wrecks during 12 years of diving.

Mr. Toms said it would be possible for the sand to be 'sucked' from above and around the wreck, which sunk in the river entrance after running aground on February 14, 1879.

"The process is called an air lift and it is just like a river dredge, but on a smaller scale," Mr. Toms said.

"It can remove tonnes of sand in a matter of hours. "The sand is brought to the surface through a hose and

filtered so that any big objects are trapped while sand is pumped away."

#### 'Plenty to be seen'

Mr. Toms said he had seen the Ballina from the surface through a diver's facemask a few days ago and there was "plenty" of it to be seen.

He said: "I don't think the situation has changed that dramatically in a few days."
"Mr Morgan's depth sounder may have picked the top of

the boiler instead of the river bottom."

Mr. Toms said he did not want to see the momentum already created by the amatuer archeologists prematurely stopped.

'I would like to take part in the study," Mr. Toms said. "I was one of the first divers to dive on the Ballina, before the ban was placed, by the Premier's Department.

The local museum has a steam whistle and a port hole which I removed from it and restored.

"I have been keeping an eye on it since then and I would

like to see anything taken from it stay in Port Macquarie. It's Port's wreck.'

Premier Wran banned unauthorised diving on the wreck three months ago until a 'responsible group' was nominated to carry out a study.

The "News" was told the Premier's Department would

hand over the decision of choosing the group to the Museum

of Applied Arts and Sciences in Sydney.

However, since that time there has been no word from either the department or the museum on the future of the wreck, which the NSW Maritime Archeological Association rates an important find.

Much of the Ballina is as it was when she sank after only 14 years' service with the Richmond River Steam Navigation

She is largely intact—right down to retaining one of the two giant wooden paddle-wheels that propelled her up and

down the coast between Sydney and North Coast ports.

The sand that has shrouded the paddle-steamer for many of her 99 years on the bottom of the river entrance is again being moved back by the nor-easters that are a feature

of Port Macquarie's weather at this time of year.

"It is probably true that the nor-easters are moving sand into the channel," Mr. Toms said.

"But the fact that the wreck was uncovered proves that normally sand is being moved out through the channel.

#### Sand only temporary

"The sand is only temporary during the nor-easters. "A southerly will have the opposite effect." Eric Toms' experience with wrecks stretches from the



Barrier Reef to the South Coast of the State and spans almost

He has visited the grave site of Sydney's well-known wreck, the Barrenjoey, as well as ships lost off the Queensland coast, including Taiwanese trawlers, and a vessel which went down in Jervis Bay.

"I have dived on quite a few wrecks, but I don't like removing things from them unless I know where the items are going," Mr. Toms said.

"I would like to be part of the maritime archeological team which has been organised here because I want to see the salvage done right.

"My main concern is that things off the Ballina stay in

"Mr. Toms said allegations that relics were being "ripped off" made soon after the secret of the Ballina's discovery was made public, were untrue.

Mr. Toms said he was able to get a good look at the wreck from the surface, through a diver's face mask yester-

day.
"Between 40-50 feet of the wreck is clear of sand," Mr.

At the rear, which is sitting on a rock, it is about four to six feet above the bottom.
"From there it slopes down towards a hollow where the

engine room is located, and sand has collected there."

The hollow was created when the "Ballina" was dynamited, not long after it sank in shallow water on the

The charges broke its "Back" and moved it into deeper water

3rd November, 1978 Port Macquarie News.

### RTY-NNR YRAI

Originally 53 m (175 ft.) long, about 15 m (50 ft.) of the Ballina has been swept away during its 99 years on the bottom of the Hastings river mouth.

Historians believe the wreck discovered last week, after being uncovered by currents from the new breakwall, to be that of the paddlewheeler Ballina.

wheeler Ballina.

Although no positive identification has yet been made of the wreck, records both here and in Syd ne y point to it being the Ballina.

Most of the wreck is still half-buried in sand, but the stern's super-structure and parts of the interior can be seen.

"The bow section is showing signs of age from the action of the waves," Mr Allan Griffin, a scuba diver with the Public Works Department and one if first men to examine the wreck said,
"Beally only the shell

Built in 1865, the Ballina was acquired in 1866 by the Clarence and Richmond River Steam Navigation

Steam Navigation
Company,
Just 14 years old, the
Ballina would probably
have been one of the Ballina

The company's vessels were the equivalent of to-day's rail system.

The company's vessels were the equivalent of to-day's rail system.

The public Works Department and one if the first men to examine the wreck said.

"Really only the shell of the bottom remains.

"From there we went along the wreck to find the stern—about 15 feet that a substantial part of (4.5m)—is showing above the seabed.

"One of the paddle-wheels is still intact and there is evidence of the starboard side one in the seabed.

Cut about "The hull is all cut about from the waves but there is more there than we were led to believe.

"One can see evidence of is livey, or of islaways, port holes, anchor.

Builli in 1865, the Ballina was acquired in the wreck of the waves but there is more there than the will be placed in a maker the macking an attempt to salvage the Argus Irving's of islaways, port holes, anchor.

Builli in 1865, the Ballina was acquired in the wreck of the deats it went down and its destination of the did entrance of the Macleay River, found the wreck of the Angus Irving.

The wasel — also a sighted again' . 'belying in about 10m (32 feet) of water near the Macleay Argus, is backing an attempt to salvage the Argus Irving's of islaways, port holes, anchor.

It will be placed in a make includes to the fivounite burial grounds' locally is Tacking Point. were at least six of the 32 (at least) ships lost off Port Macquarle went down.

As well as the name of the weeks, the wessel, the date it went down and its destination to recover a cription, the historical providers which had become the wessel, the date it went down and its destination to the wrecks.

At Easter, two divers the weeks, and the wessel's 'demise.'

The wasel — also a sighted again' . 'belying in about 10m (32 feet) of water near the Macleay Argus, is backing an attempt to salvage the Argus Irving's of solidate (ominous), the Fly and the Wood-lea

Bay Gaol at a cost of \$40,000. There should be no

There should be no shortage of material to ill the museum, as the entrance to the Macleay is possibly the most notorious danger spot for the ships of yesteryear on the Mid-North Coast.

Port Macquarle too has had more than its share. The list at the town's imuseum reads like a roll icall of war dead.

The first recorded maritime disaster off Port Macquarie was the loss of the Black Joke in 1823, just two years after the penal colony was founded.

Those aboard, who went to the bottom must have seen the irony of the schooner's name.

Shipwreck's occurred regularly after that, including the total disappearance of a vessel which was 'hijacked' by a band of convicts.

The vessel's crew apparently was overcome, and the convicts sailed towards the open sea and oblivion.

oblivion.

#### Burial ground

The vessels lost included ketches, cutters, steam ships, schooners and paddle steamers.

masculine names The

The masculine names included the Johnny, Our Jack and Our Boys.

Many of the vessels carried the names of rivers along the North Coast and from which they pied their trade, such as the Macleay, the Hastings and the Richmond. mond.

mond.

Although there have been a spate of boating accidents on the bar in recent years, the history of shipwrecks on or near the Hastings is as old as Port Macquarie itself.

Before the breakwalls were constructed, navigators relied on their seamanship—and good luck according to a booklet

who describing the town's history.

<u>'</u> extract

An extract reads:
"Such was the case of
the Elizabeth Henrietta
when bearing Governor
Macquarie on his return from Port Macquarie, in 1821.
"At one time Port Macquarie was a busy port
with as many as 27 vessels in the harbour at the
one time. Following the
construction of North
Coast Railway and the
establishment in 1915 of
a rail head at Wauchope,
13 miles away, shipping
as a mode of transport
diminished in importance.
Some of the most famous shipwrecks on the
river bar is described in
the booklet compiled by
the historical society and
the "Port Macquarie
News."

#### Extracts

"On November 14, 1851, a trim, rakish-looking yacht hove to under Flagstaff Hill, its heavy artillery much in evidence, causing alarm to the inhabitants of the town "On

town.
The vessel was town.

"The vessel was the 'Wanderer,' owned by Benjamin Boyd—founder of Boyd Town, near Eden, and it was returning to Australia after the mysterious disappearance of her owner on an island in the Solomons.

"While attempting to cross the bar at Port Macquarie the yacht was totally wrecked.

"Refore she broke up much material was salvaged by Sam Cohen, storekeeper, who bought the wreck and sold items in the town. Several pieces can be seen in the Museum.

On April 29, 1943, the s.s. 'Wollongbar' was torpedoed by the Japanese off Crescent Heads with a loss of 32 lives, including the skipper, Captain Benson.

"One of the local fish-

Benson.

Benson.
"One of the local fishing boats, manned by Mr C. Radley and his crew, played a gallant part in the rescue operations but only five survivors were brought into Port Macquarie

quarie.
One very badly burnt man was towed in on a raft and nursed back to health at the local hospi-

8th December, 1978.



Among the last items to be removed from the "Ballina" before a ban was placed on diving to the wreck were a porthole and a steamwhistle. The diver is Port Macquarie's Eric Toms.

## Wreck declared "profected"

The "Ballina", Port Macquarie's most famous and controversial underwater wreck, has finally been declared a protected vessel after almost exactly 100 years at the mouth of the Hastings River.

The State Government declared the official given by the government. The state Government accounts week when it stopted the federal government's Historic Ship-

#### Regenerated

wer in the "Ballina" was "Ballina" erated last year when the

Rowerer, police should have department uncovered the street to enforce the act for wreck while carrying out extensions to the northern breakwall.

According to Public Works

Poet Macrosian

According to runne from bid to retrieve parts of the wreck for archaeological purposes, banded together and formed a committee with the hope of win-

However, approval was not

A committee member, Mr Sid Murphy, said that now the "Ballina" was protected he would be seeking permission from the government to dive on the wreck

"Some of us have joined the Maritime Archaeological Association and this should help us in our bid for a licence to dive on the wreck," he said.

Mr Murphy, had previously ning approval to inspect the retrieved some parts of the "Ballina". wreck including parts of a paddle wheel, a spoon and an old whisky bottle.

#### Display

One diver, Mr Eric Toms, had also previously dived on the wreck and retrieved a porthole and steamwhistle.

These are now on display in the Hasting District Historical Museum in Clarence Street. Police, local government of-

ficials and Port Macquarie residents became concerned over reports that several divers had began to remove parts of the "Ballina" for their own purposes last year.

After several appeals to the State Government a ban was finally imposed on diving to the "Ballina" and police were instructed to keep divers away from the wreck.

It is believes that it would take a major storm to remove the sand that has silted over the wreck.

A Public Works Department spokesman engineers had expected the

sand to reform over the wreck once the offshore bar began to restabilise.

Under the new act divers can actually be prosecuted if they dive on the wreck without government approval.

#### One of many

The "Ballina" is just one of many wrecks scattered around Port Macquarie.

It ran aground in February, 1879 while leaving the Hastings River with a cargo of maize, cedar, wool and several other

A large part of the cargo was saved before the "Ballina" sunk.

Port Macquarie News. 18.4.1979.



The diving crew prepares the outboard motor-powered dinghy in which they travelled to the point above the wreck of the Ballina on Friday. They are (from left) Jane Daddo, John Riley, Bill Barnes, Mike Richards and Karl Stoegger.

### SURVEY TEAM DIVE ON THE 'BALL'

A survey crew from the NSW Museum of Applied Arts and the NSW Archeaological Association commenced a sea bed survey of the 100 year old wreck of the 'Ballina' last Friday, to sketch a plan of what is left of the ship as it lies half buried ! sand at the mouth of the Hastings River.

The team is led by Mr. Michael Richards, an historic restorer at the museum, and during the weekend, skin divers inspected the wreck each morning at full tide, taking measurements and photographs as the murky seas cleared.

The results of the survey will be taken back to the museum and compared with the plan of the ship before it went down.

The wreck has no definite outline as it came apart in 1910 when it was dynamited, to ensure a safe passage for ships entering or leaving the river.

However, in spite of the condition of the wreck, the team has been able to pick out the main features, sufficient to enable the piecing together of the ship and its cargo.

#### Other wrecks

The survey was expected to end on Monday.

Mr. Richards said that there is also evidence of other wrecks alongside the 'Ballina'.

"There's a boiler lying in the wreck, and we believe this is part of another wreck.

#### Sardinia

One of the survey team, John Riley, reported seeing engines "fairly intact

This was not Mr. Riley's first experience at diving on wrecks, for before coming to Australia he was a member of the Royal Air Force stationed at Cypress.

When he was there he was in a group diving off Sardinia examining sunken settlements in the Mediterranean, on behalf of the Museum of Archaeology in Sardinia. This led to examining ship wrecks.

He is now a member of the NSW Archaeological Association.

#### Unauthorised divers

Mr. Richards said that one of the main problems is keeping unauthorised divers away from the wreck.

"If people hoe in and help themselves, without recording first, the information will be lost.

"It's not so much what the item is, but where it was. "Our object does not include the removal of anything at present. This is purely a survey.

"The outcome could be that we leave the wreck exactly where it is.

"However, it could well be a hazard to navigation as mon there's only about nine feet of water over it.

"So any vessel drawing nine feet or more could hit the wreck if it came in on that side of the channel.

#### High penalties

Mr. Richards sounded a note of warning about the distance.

removal of items from protected wrecks when he refere to recently introduced legislation.

Removing items from underwater wrecks, damage them or just shifting them, could attract a heavy line.

"I think it's \$5000 or five years goal, or both. "Anyone wishing to dive and examine a wreck show first obtain permission from the Department of Home fairs in Canberra.

Asked what the procedure would be if a skin da came across an unidentified wreck, Mr. Richards said of all, it must be assumed that it is an historic wreck. "The Minister for Home Affairs should be immed

ly notified.

"The penalty for failing to report the finding is rather heavy. It's about \$1000 or six months gaol.

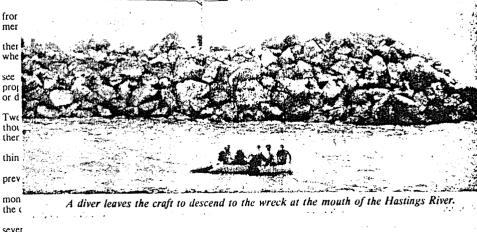
The law of the Receiver of Wrecks still applies up isting wrecks of no historic value.
"This means that anything salvaged from such w

should be hander over to the Receiver who will hold items for a year and a day and then sell them.

"The proceeds would be split between the finder owner, if he can be traced.

Mr. Richards said that wrecks along the Austra coastline are controlled by the Department of Shipping Transport although the Maritime Services Board do some control in State waters.

#### Should notify Government



Organ will eventually be the internationally accept



Examining a fixture from the Ballina are, from left, branch member, Mr Geoff Thame, project leader, Mr Mike Richards, maritime archaeologist, Mr Mike Lorimer, and conservator, Mr David Hill. In the background is the river entrance and the resting place of the century-old paddle

### Marine study begins on historic shipwreck

A detailed marine archaeological study now underway on Port Macquarie's historic wreck, the Ballina, is the first on a vessel in NSW waters.

A freelance marine archaeologist, Mike Lorimer, Sydney, said the results of the long-term study would be published overseas.

Mr Lorimer is one of a team of Sydney experts who joined with local divers, members of the Port Macquarie branch of the NSW Marine Archaeological Association, for a dive on the wreck last weekend.

A team of 18 divers descended on the century-old wreck, lying partly covered in sand and in a few metres of water at the entrance to the Hastings River.

"The principal concern is that the survey of the Ballina is done correctly and in the proper archaeological way," Mr Lorimer said. "This is the first major project of this kind in NSW

recorded in Australia.

Mr Lorimer said marine archaeology was still very much a developing science, having only been developed since World War 2.

still," Mr Lorimer said.

"The results of the work here will overseas.

The team also consisted of the project leader, Mr Mike Richards, the president of the State association, and Mr David Hill, a conservator at the museum of Applied Arts and Sciences in

It has been left to the museum to decide how to best protect the wreck, whose discovery by Depart-ment of Public Works divers two years ago during survey work for the breakwall extensions prompted the NSW government to pass the Historic Shipwrecks Act.

Several items were lifted from the wreck at the weekend and now will undergo tests to see how best to preserve them.
In charge of this part of

the operation is the museum conservator, Mr Hill.

The artefacts raised to the surface for the first time in 100 years include a brass cover, a short length of pipe, "In fact, it is the first iron a large plate and valve and wreck to be archaeoligically pieces of timber.

Also brought up were pieces of marble from the Ballina's galley

#### Water bath

now in the marble.

"Without the water bath, be published the exposed marble would dry out quickly.

ticles would cause it to ex-pand and crumble."

The metal items will be

An electrolytic process is were proceeded by a briefing carried out, the action of the for the local divers on Friday electric current through the night. solution restoring the original structure of the

Tests will be undertaken at the museum to determine the best method for restoring the timber pieces.

The range of tests and restoration processes will take until the end of the year to complete.

Mr Hill also instructed the Port Macquarie branch's officer. restoration Graham Skeen, in some of the methods of treating the items taken from the wreck.

He said other members of the branch, the first one formed from the parent body in NSW, will undertake the major part of the archaeological survey.

#### Mosaic

It involves making a photographic mosaic of the wreck, drawing detailed Experimental "The water acts to maps and marking in the permeate the marble and location of artefacts and fix"It's all very experimental dislodge the salt particles tures on the vessel. maps and marking in the months.

chaeological organised a dive on the pad- permit to take advantage of dle steamer last October to the best diving conditions.

"The crystalised salt par- establish the layout of the measurements.

The work was continued lowered into a tank containing a chemical solution.

An electrolytic process is were proceeded by a briefing

> The Ballina's historical importance lies in the fact that it was one of only a handful of vessels of this type in Australia late last century and no plans are available of the paddle steamers.

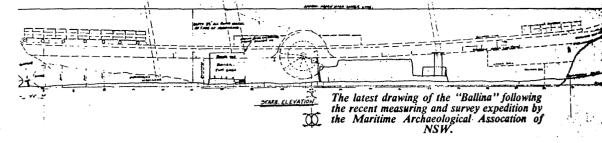
> le's location in shallow water, protected by the northern breakwall, and its relatively good condition make it an ideal wreck to study.

There is some structural damage, but the covering of sand has kept it relatively free of growth.

The final authority on the wreck is the Department of Home Affairs in Canberra, which gave permission for the dive on the weekend.

The local branch, with the support of the State body, is pressing for permission to dive on the wreck during an extended period of several

The local members, who ssel. will be continuing the rine ar- lengthy survey, need the association flexibility of the extended



### FREER ACCESS SO

The Maritime Archaeological Association of NSW has recommended to the NSW Government that it allow its divers freer access to the wreck of the "Ballina" at the mouth of the Hastings River.

The request, directed to the Premier, Mr. Wran, is contained in a set of recommendations stemming from the latest survey and recording expedition onto the wreck.

Port Macquarie News 7th December, 1979

The expedition, be-tween October 19 and October 23 and involving seven divers from the Maritime Archaeological Association, recorded a number of new findings concerning the old steam ship which went down on the bar before the turn of the century.

It was headed by Mr. M. P. Richards, a naval architect and historian, and assisted by president of the Archaeological Association, Mr. J. Sumner and five divers—J. Riley, B. Barnes, K. Stoeger, J. Daddo, A. Croft and G. Thame.

After a familiarisation dive the crew measured the association, Geoff Thame. conservessel in a 45-minute dive He told Mr. Wran the from which they gleaned team was still available to (there a conogh information for the assist with diving, measurproject leader to accurately ing, recording, survey, night).

mark the hull's position and team.

#### **Problems**

The divers encountered problems on the hull having only a maximum visibility of eight feet with the water clouded by small red weed, which prevented any photos being taken. They also found the wreck badly in-fested with cunjevoi.

The expedition was joined by Brad and Laurie Dickin-son and Graham Skeen, ex-perienced divers and pro-prietors of the divers shop, in Gordon Street, and who are keen to preserve the "Ballina."

It was Mr. Richard's conclusion that further survey work should be continued by these three divers and a local

recovery and conservation as and when required.

Mr. Richards also told the quired) will probably yie overnment local business interesting artefacts. The Government local business interesting artefacts. The houses were "on side" and should be plotted on the platter project could be suc- and raised for conservation cessfully completed by the

It was his recommendations that the following be adopted-

#### Recommendations

- 1. The project be continued. I urge that an open ended clearance be given to Geoff Thame's team to continue recording—this will allow "short notice" dives when conditions are best.
- 2. Some items excess to requirements of local museum extensively dynamited in are held by Geoff Thame. 1908, is still largely intact, He wants to send these to the museum of Applied Arts and Sciences in Sydney for conservation and safe keeping. This should be done.
- 3. Small items (including a brass engraved plate which mendation 5. was sighted on the wreck) member and diver of the association, Geoff Thame. should be recovered and conserved at once—before someone else finds them (there are rumours of illegal diving on the wreck at

area (with an air lift if in at once.

5. The wreck is in won condition now than 12 months ago. The cunjered should be removed soon its weight and increased as face area will pull the wreck completely apart, especially

in the currents.
6. The bow should be searched for: about 50 feet in missing, but it is most unlike ly that it is under the sea wall. The anchors at least must still exist.

7. The wreck, although although in large pieces. Much interesting and useful information on her structure, framing, plating and engines can be gleaned and this must be after recons-

### Paddle steamer remains may be demolished

The Public Works Department is studying methods of removing the remains of the wrecked paddle steamer, Ballina, from the mouth of the Hastings River.

Mr. Alan Griffin, a coastal engineer for the PWD, said this week that the study was being conducted by a PWD diver who was preparing a report on the removal and demolition of the old wreck.

The remains of Ballina, a 299-tonne ironhulled steamer, lie in the middle of the port entrance, between the breakwaters, where it sank in February,

The wreckage has become although only the boilers, pistons and parts of the engine-room walls remain.

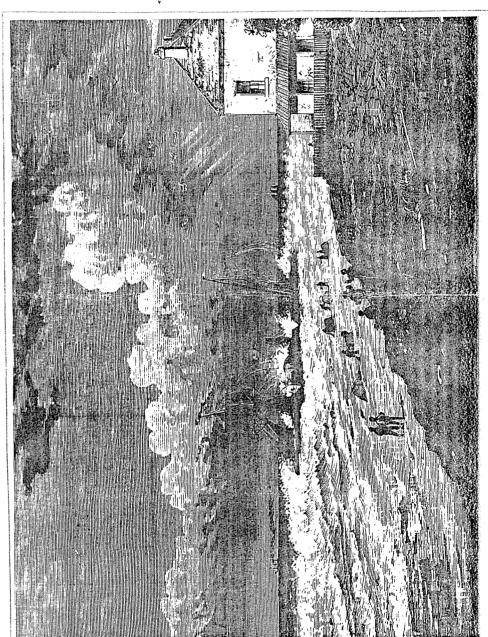
Mr. Griffin said the wreck

had been largely covered by sand but swift currents had exposed it in the past year.

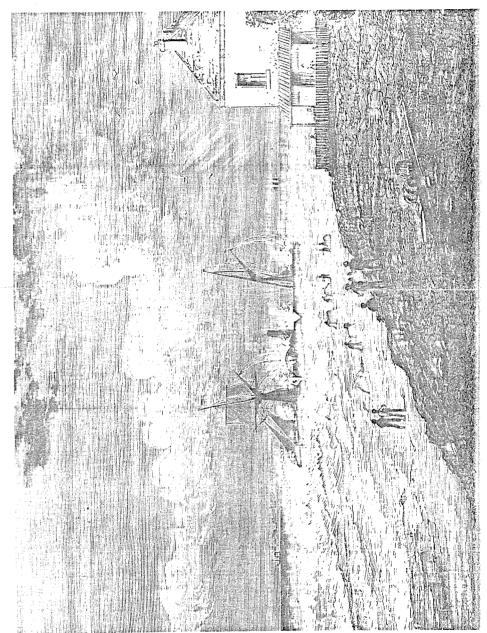
He said the diver had examined the wreck and was looking at ways to salvage the boilers and piston so the rest of the wreck could be demolished.

He said all items of historical interest had been salvaged from the Ballina by Port Macquarie Marine Archaeological Society.

The wreckage has become These were now on hazard to navigation, display in the historical



WHECK OF THE STEAMER "BALLINA."



WRECK OF THE STEAMER TBALLINAT

PS BALLINA By Phil Bowman Maritime Archaeology Society, NSW.

#### The Vessel

The PS Ballina was built in 1865 by Mitchell and Co. of Newcastle at Low Walker on Tyne for the Clarence and Richmond River Steam Navigation Co. Ltd. She was registered in London, England by J. Alexander (a possible nominee of Australian owners) - (Parsons, 1973) and registered in Sydney in February

1866 by the C & RRSN Co, her official number was ON 52707.

The PS Ballina was 179.4 ft long x 24.0 beam x 9.5 feet depth of hold and drew 6.5 feet when loaded She was constructed with special regard to light draught and water (to cross river bars) and had a flat bottom with moderately fine ends. She was propelled by two engines giving a total of 80HP constructed on Rowarts. Patent principle which allowed an extraordinary saving in the consumption of fuel. This allowed for a very large carrying capacity. There were also steam winches fitted on deck for the rapid discharge of cargo. She had a full poop in which was the principle saloon as well as the accommodation apartment for ladies and enclosed cabins on either side of the saloon which accommodated thirty six passengers. A second-class (steerage) cabin with accommodation for nineteen passengers was in the fore part of the vessel. The PS Ballina was 229 tons gross, 190 tons nett and was rigged as a two masted brig. At her sea trials she averaged 10 knots per hour.

The PS Ballina was brought out from England on a voyage lasting 126 days, arriving in Sydney on the

25th October 1865.

#### Colonial Career

The first sailing was advertised in the Sydney Morning Herald on the 31st November 1865, and was due to sail on the 2nd December 1865 direct for Grafton at 5 pm. Her return cargo consisted of 167 bags maize. 16 bags wheat, 15 bags potatoes, 76 bags oysters, 15 cases eggs, 18 hides, 5 bales bacon, 6 cases sundries, 4 coops fowls. We will see later that this was to be typical of all her cargoes. She carried 16 passengers, five

of whom were housed in steerage.

The PS Ballina 's next advertised sailing was at the end of February 1866. The possible reason for such a delay between the first and second sailing is the boiler explosion the PS Agnes Irving suffered at Grafton on the 20th October 1865. The PS Ballina when built had two boilers and of course two funnels. The forward boiler and funnel were removed and replaced with a Galloway Donkey boiler for the steam winches. This boiler may have been fitted to the PS Angus Irving a theory awaiting access to that vessel's boilers which are now submerged in wreckage. At about this time the yards on the main mast of PS Ballina were also removed.

The PS Ballina continued to serve the C & RRSN Co. over the next thirteen years visiting most ports on the North Coast of N.S.W. at some time or other. During those thirteen years one major accident is recorded, the sinking of the barque Sylphide of 296 tons register which was en route from Portland Bay to Sydney in ballast. The collision and subsequent sinking of the barque Sylphide took place off Decwhy Head on the 16th June 1877. The Marine Board Office inquiry decided that the PS Ballina was in breach of the 15th Article of the Steering and Sailing Rules. The inquiry also condemned the practice on the PS Ballina of the look-out going below to help remove the ashes without first informing the officer of the watch.

During 1878 the PS Ballina had 41 sailings to the MacLeay River and Port Macquarie, and due to an

accident did not sail at all during February 1878.

The most common cargo from the North Coast to Sydney were bags of maize, the largest shipment being 1790 bags and the smallest 76 bags, the average being about 1200 bags. On the average 20-30 hides were carried with some 50 odd pigs, the maximum being 186. Cases of eggs and coops of fowl being the next commonest cargo. Also carried were bags of oysters, bags of bacon, the odd bale of tobacco, casks of tallow, bags of potatoes and onions, bags of wheat, casks and kegs of wine, matts of sugar, bags of antimony, the odd horse and gig, mules, cedar and pine boards and on one occasion 1400 spokes, honey and bales of wool. During the first sailing in January 1879, 226 ounces of gold were brought to Sydney, the only time gold was mentioned.

During 1878-9 the greatest number of passengers in 1st Class was 28 and in 2nd Class (steerage) 19. No

passenger or cargo list has been found yet for the sailings from Sydney.

The Wrecking of PS Ballina

On the morning of February 13th 1879 the Port Macquarie pilot, Mr Kingsford, and Captain Bedford sounded the channel out over the Bar and expected there would be sufficient water. But at noon as Captain Bedford took the PS Ballina out past the last black buoy she took the ground and gradually set to the north and remained hard and fast. The passengers were got ashore and the pilot's new 6" hawser was secured to a rock on the south shore and the stern of the PS Ballina. The vessel was expected to float off on the evening high tide. At 9 pm the deck cargo was jettisoned but as the sea rose and broke over the ship it filled the engine room thus putting out the fires. By 2 am of the 14th February the Captain, crew and pilot had taken to the rigging to save their lives, and remained there until daylight when they managed to leave the vessel by boat. It was about this time that the PS Ballina broke her back some four feet (1200 mm) behind the boiler. By 5 pm

Tyne for the ngland by J.

when loaded, a flat bottom a flat bottom on Rowan's ed for a very of cargo. She or ladies and second-class ssel. The PS she averaged

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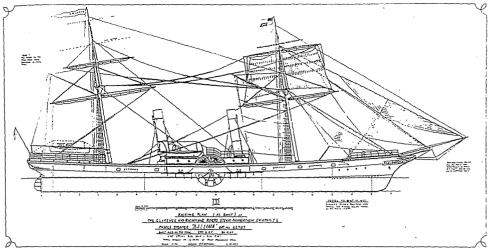
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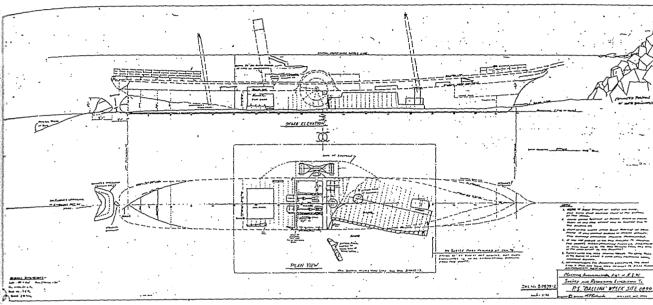
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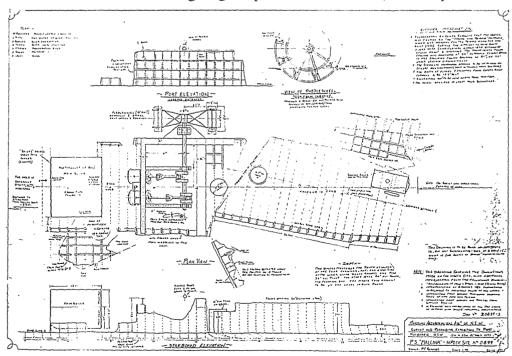
Bedford s Captain north and to a rock ning high ne engine en to the y boat. It By 5 pm



PS Ballina as built in 1865



PS Ballina wreck site. Showing original position of vessel. (Drawn by: M. Richards)



PSBallina structural remains at Engine Room. (Drawn by: M. Richards)

that afternoon the sponson-house was full of water and part of the wool cargo was coming ashore. The mails from the MacLeay River and Port Macquarie were lost. At that point nothing was done to salvage or sell the wreck which was partly insured at Metcalfe's Office for £6,500 (the greater part of this was reinsured with other offices). The cargo which was probably not insured consisted of maize, cedar boards and wool (of which some was recovered).

The Marine Board of N.S. W. held an inquiry on the loss of the PS Ballina and found that no evidence had

been adduced upon which to found a charge of default against John Bedford, the Master.

After the wrecking of the PS Ballina she was marked on a chart of 1881 with a note - "top of boiler and starboard paddle wheel above water 4 feet at spring high tide".

After the southern training wall was built at Port Macquarie the wreck became a navigation hazard, so in January 1908 and later in 1910 Captain Baird and diver Reale blew up the wreck, and it is said that diver Reale reported "that none of the wreck was left". He was wrong.

The Rediscovery and Subsequent Actions

In June 1978 the N.S.W. Public Works Coastal Engineering Branch Divers were surveying the entrance to the Hastings River when their boat anchor became foul on the bottom and on diving to release it found in their amazement a wreck that shouldn't have been there, it was the PS Ballina. By the 14th July local divers who were concerned about losing brass objects from the wreck to looters had organized themselves to inspect the wreck and collect any objects of interest and to deposit them in the local Museum.

In May 1978 the Maritime Archaeological Association of N.S.W. (MAANSW) had come into being, The Committee (of which the author was a member) immediately started a campaign to get the Historic Shipwrecks Act 1976 declared in NSW. Using the discovery of the PS Ballina as a lever the N.S.W. Labor Government was pressured into declaring the Act, on 12th April 1979 at which time the PS Ballina was also declared historic. All other declarations in NSW to date have been done by the Federal Governments.

In October 1979 the MAANSW and local divers from Port Macquarie undertook a survey of the wreck

from which Mike Richards produced a set of drawings.

During 1980 two surveys were undertaken by the MAANSW and local divers, with some iron objects. being taken to Sydney for trial conservation.

In the absence of floods which normally scour out the wreck on an annual basis, by the end of 1980 the

wreck had started to silt up and was almost completely covered in mid 1981.

In early 1982 the local Port Macquarie MAANSW Branch had all but ceased to exist and a new separate organization was set up, this went through various name changes and is now known as the Maritime Archaeology Society.

Under the auspices of this Society a submission was made to Federal Government for funds to initiate a survey in 1982 and this was subsequently approved. The grant for a photomosaic was put to use immediately in a trial run, at about the same time the Navy Reserve inspected the site to see if they would get involved in raising parts of the PS Ballina. The results of their survey were not given to the Society.

At this point the drought broke producing flooding and the subsequent constant dirty water in the Hastings River halted any more work on the photomosaic. During that time however, we continued our research and

put forward several proposals in regards to relocating or recovering parts of the wreck.

During 1984 iron hull samples were taken and tested by Professor Hall at the University of Newcastle, the results were disheartening, with no substantial metal in any of the samples. In other words the PS Ballina's hull is to stay where she is. Just before we got the results a Senator visiting Port Macquarie announced our proposals to the public, this caused all sorts of embarrassment not the least was to have the N.S.W. Division of Inspection Services tell us that we were not to "salvage" (the DIS's definition) the PS Ballina as we did not have divers with Class 2 permits and that the work would be notifiable (i.e. large fees) and we could not use SCUBA but only hookah (which would be impractical in the current at the river mouth). The Professional Divers Association of Australia (Divers' Union) also let us know that only their members could work on the "salvage".

Despite this the wreck was re-inspected towards the end of 1984 when we found that 90% of all the sand had moved off the wreck - subsequently sports divers visiting the wreck have been illegally removing

artefacts and fittings.

#### Future Plans

The 25% of the wreck which was photographed in 1982 has been assembled as a mosaic and this is about to be drawn up at a scale of 1:10.

A photo-tower is being constructed to ease the problems of photography in the 3 knot plus current and it is proposed (weather permitting) to complete the mosaic this year. The research being carried out into the vessel's history should also be completed and compiled this year.

Any decision regarding recovery and conservation will have to await results of the SS Xantho project,

proposals now with the Federal Government and approaches to the N.S.W. Government.

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#### FROM:

Iron ships a steam shipwecks: papers from the first Australian seminar on the management of iron vessels a steam shipwrecks by M. Mc Catthy ed.

Perth, Western Australian Museum [1988] P.134-7 07030915212.

Iron ships & steam shipwrecks: papers from the first Australian seminar on the management of iron vessels & steam shipwrecks M McCarthy (ed) Perth, Western Australian Museum, [1988] ISBN 0730915212 p134-137; illus,

The paddle steamer *Ballina* was constructed with a flat bottom to facilitate crossing river bars. She served the Clarence and Richmond River Steam Navigation Co from 1865 to 1879, visiting most North Coast New South Wales ports. In Feb 1879 she struck the bar at the mouth of the Hastings River, was flooded by rising seas and broke up. Becoming a navigational hazard, the wreck was reportedly blown up and destroyed in 1910, but was rediscovered by divers in 1978, and declared historic in 1979. Brief accounts of surveys 1979-84 are given during which 25% of the wreck was photographed and samples of iron hull removed. Future conservation plans depend on the results of the *Xantho* project. (BW)