

WRECK INSPECTION REPORT

Correio da Azia
Lost: 26 November 1816

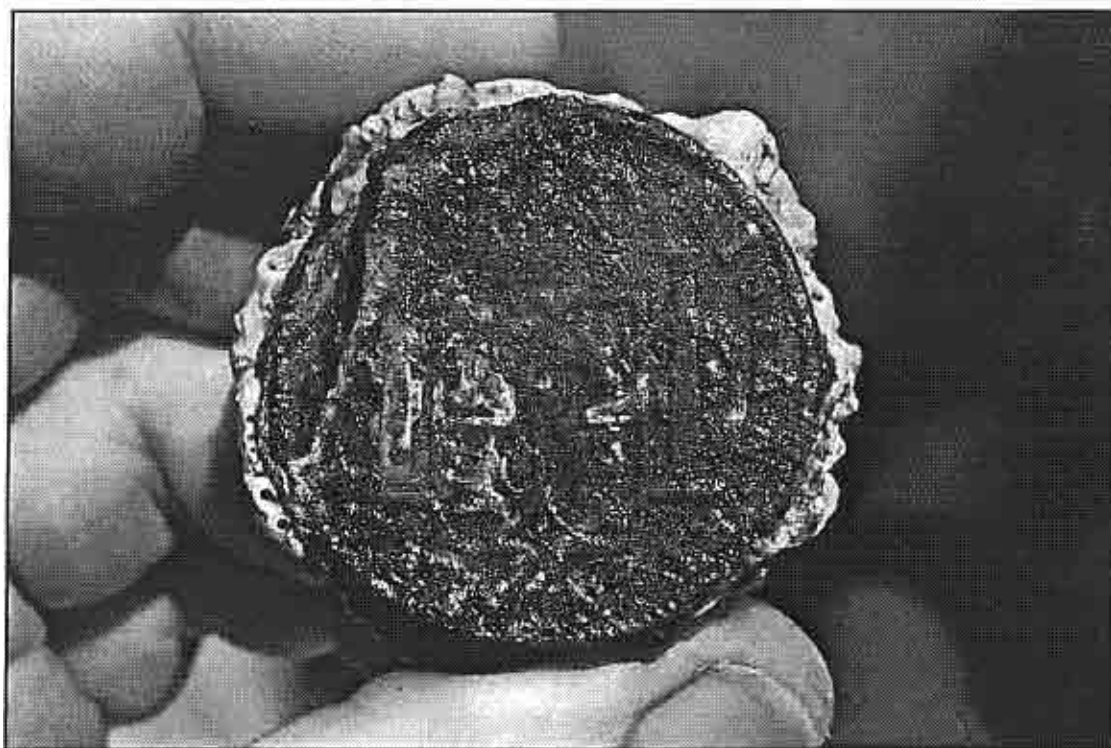


Figure 1. Spanish silver pillar dollar

Report-Department of Maritime Archaeology,
Western Australian Maritime Museum No. 185.

Corioli Souter

With contributions from: Gainsford, M. P., Green, J. N. & McCarthy, M.

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Technical Data

Site Name: *Correio da Azia* (NRC)

Date lost: 26 November 1816

Dates of Inspection: 28/4/04 -1/5/04

Personnel: Jeremy Green

OIC: Jeremy Green

Geoff Kimpton

Corioli Souter

Jon Carpenter

Matthew Gainsford

Pat Baker

Annie Boyd (MAAWA)

Approximate Location: 'Seven' Reef, South east of Pt. Cloates.

GPS:

Datum: WGS 84

Chart No:

Lat: 22° 51.768 S

Long: 113°44.704 E

File No: 68/80

File Name: *Correio da Azia*

Sailing Directions: From Pt. Cloates proceed on the inside of the reef on a south easterly course for about 8nm, then turning out to sea, through a passage in the reef marked by prominent rock heads. The site is located on the outside of the reef about half way along where the reef extends east-west.

Site Photographs:

Black & White: Stereo images

Colour: Digital and film

Transit Photos: Yes

Video: Yes

Site Conditions on inspection

Sea and Swell: 1 – 1.5m swell. Morning Easterly breeze approximately 15 knots turning onshore early afternoon.

Surge: Significant amount of surge, dependant on swell. More significant, closer to the reef.

Visibility: Ranged from 10m to 15m

Current: Nil

Sea-bed coverage: Limestone reef substrate. Quite high profiled ridges with sand gutters in between, running perpendicular to the reef.

Chemical Measurements :

Temperature: Not taken

Salinity: Not taken

Ph: Not taken

Dissolved O₂: Not taken

Corrosion Potentials (Reading and location): Not taken

Biological Data: Colonising fauna: Hard and soft coral s dying off closer to where the reef meets the surface. Varying array of fish life.

Site Condition and Integrity: The site is in a high energy environment. The site location, on a limestone reef, precludes there being much, if any, remaining organic material. All artefacts discovered during the survey and recovery, were inorganic in composition. The proximity of the site to the reef, mobile sands and dynamic sea state all contribute to the further degradation of exposed artifacts. Due to the conditions encountered and the nature of wrecking, the site is potentially spread out across a significant area of the reef. There was only one anchor in the primary site and the majority of material remains noted were heavily concreted into the reef. There were a number of loose artifacts, including a number of silver coins, which display evidence of abrasion from sand movement. The primary site contained, silver coins (consisting of Spanish pillar dollars), one anchor, two cannon, sounding leads, scattered ballast, some glass remains, a dove tail fish plate fastening and some lead.

Management considerations :

(i) Natural forces: Comparatively hard concretion has cemented iron artifacts securely on to the limestone reef. An attempt to retrieve one of the cannon was unsuccessful with mechanical effort alone. Loose artifacts are subject to being lost by heavy seas as well as being further damaged by the abrading effect of the sand scouring across the site. Located at the edge of a reef platform. The *Correio da Azia* should be considered a dynamic site, where the same conditions dominate year round.

(ii) Present and future human forces: Despite the difficulties in accessing this area, this site is likely to attract the amateur diver as it is a new and unique discovery. During this inspection all visible, loose artifacts, including the silver coins, were removed. Material that remains: is either very large and heavy and/or concreted into the reef itself, making removal very difficult. There was no evidence of diver interference on the site and the significant amount of loose and attractive cultural remains, including silver coins, supports this. However, the iron pigs on site showed recent corrosion which indicates some interference to the surface. Whether it is natural or as a result of human interference is still to be determined.

(iii) Projected General site stability: The fact that this site lies in a high energy environment must be considered in the prediction of site stability. Corrosion potentials will need to be calculated for the ferrous material. While all loose artifacts and those deemed at risk have been removed, further inspection, survey and excavation work is required to determine whether there is more material outside this primary site, including the first anchor deployed at the time of wrecking .

Chart Excerpt access to Site:

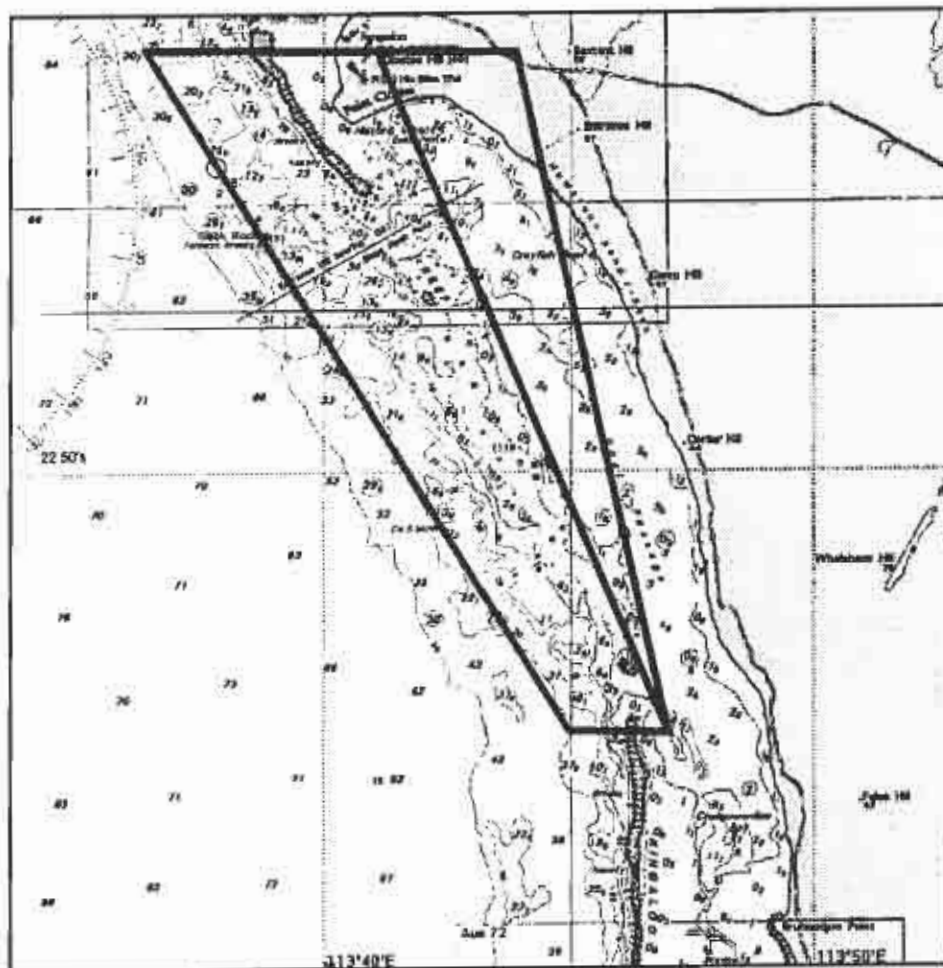


Figure 2. Chart excerpt from (AUS 745) showing area of Fugro survey

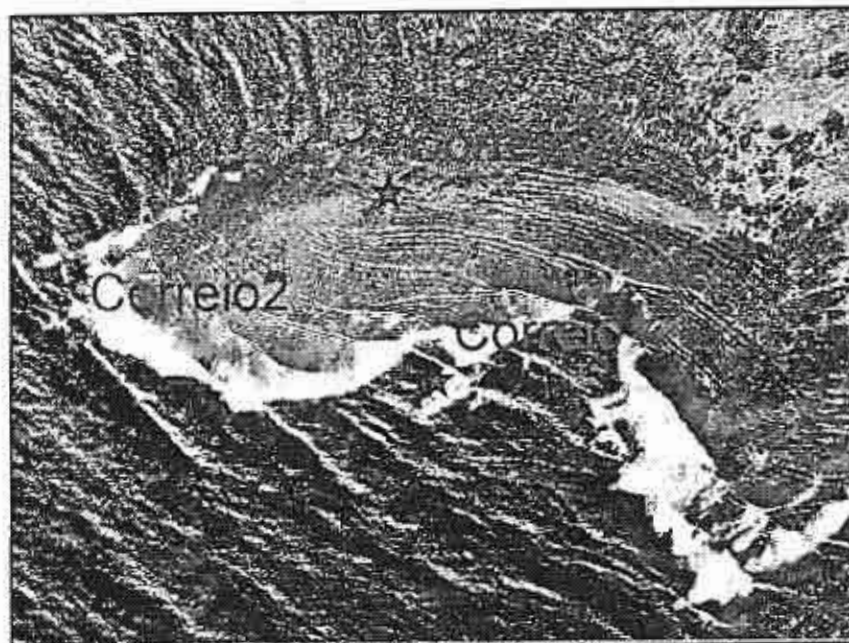


Figure 3. Location of *Correio da Azia* on the section of reef

Description of Site



Figure 4. *Correio da Azia* Terrain

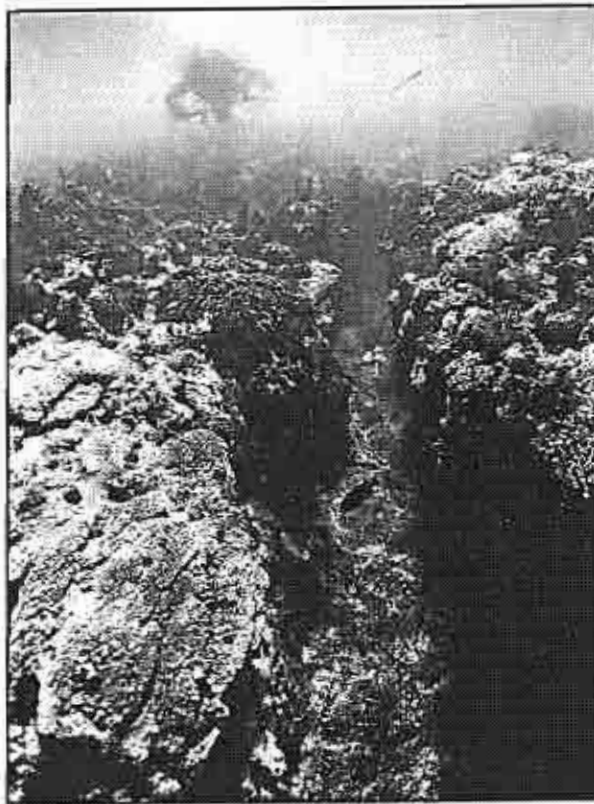


Figure 5. *Correio da Azia* Terrain

The *Correio da Azia* site is a high energy environment. It lies in water ranging from 1.5 – 2m near the reef to approximately 2.5 – 3m further out. The seabed is covered in coral growth and is made up of reef platforms and bommies, separated by gutters that run perpendicular to the reef. The visibility is reasonable but can significantly change, dictated by conditions. Swell and waves are the major factors that influence the site with a limited number of diveable days a year to work. It is suggested that a comprehensive study of the weather be conducted before field operations commence.

Plan of Site

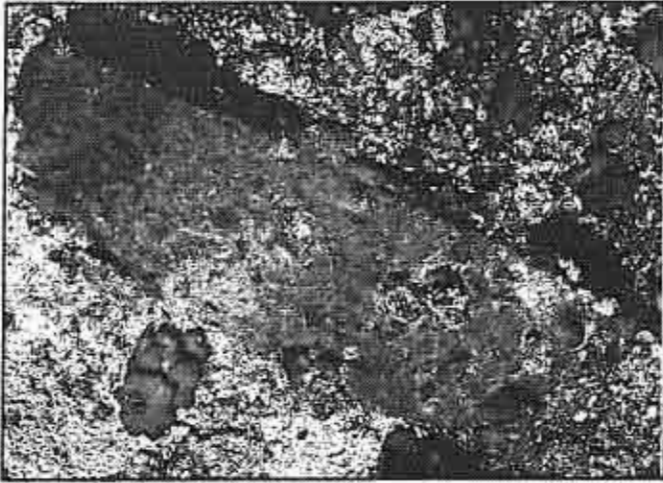


Figure 6. Iron Ballast Pig



Figure 7. Coin Concretion



Figure 8. *Correio* Anchor

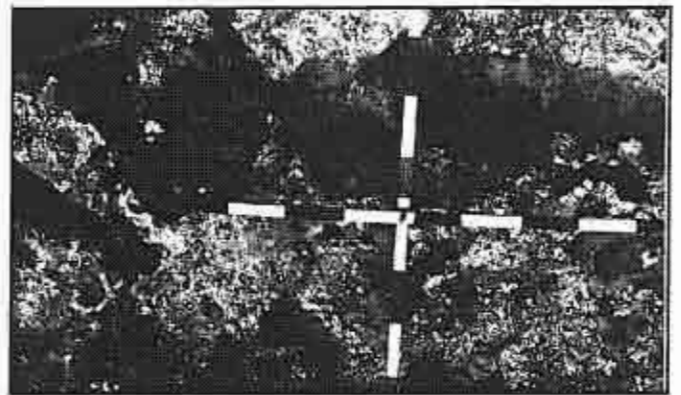


Figure 9. *Correio* Cannon



Figure 10. Sounding Leads

Correio da Azia Site Plan

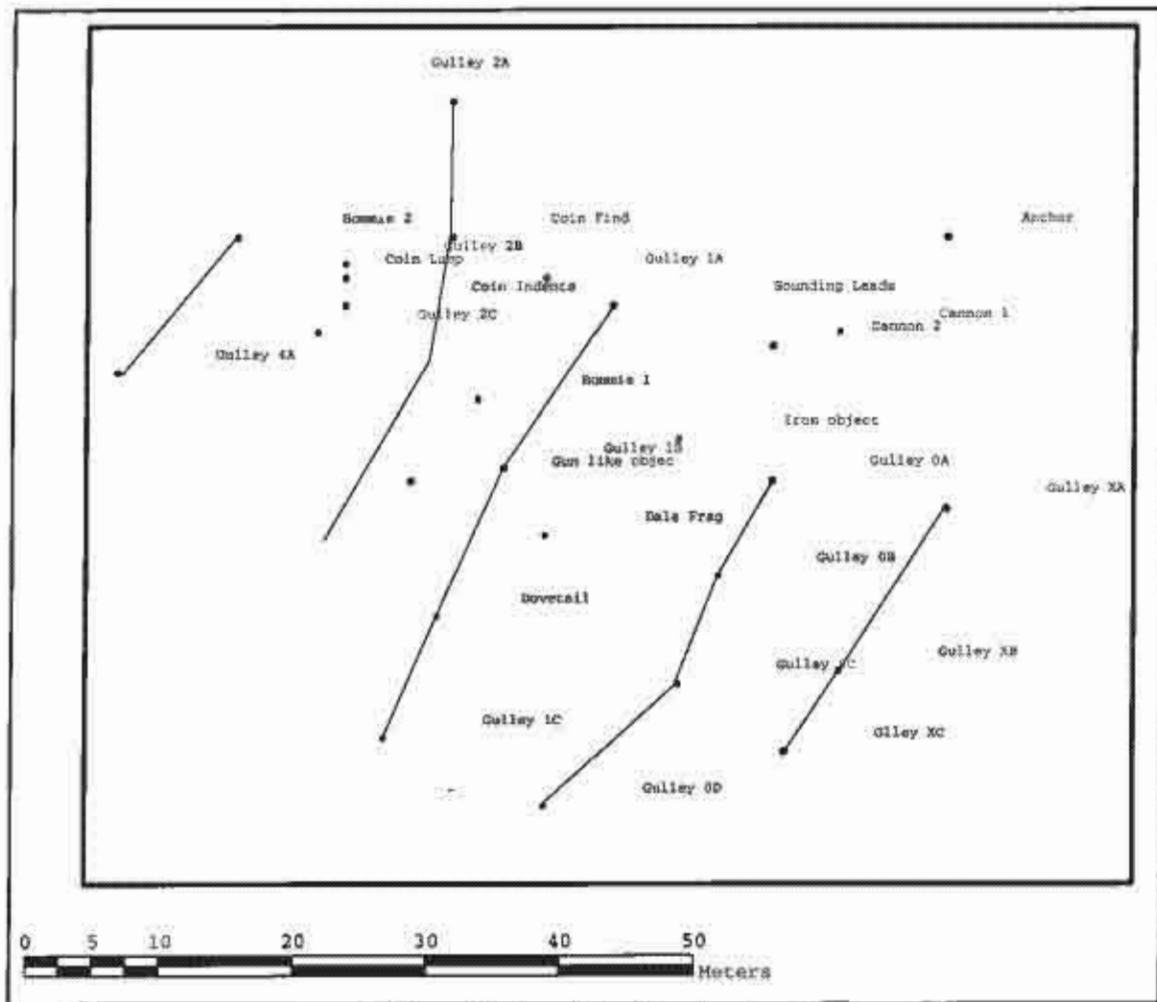


Figure 11. *Correio da Azia* site plan

Site Identification Comments

Historical Precipis of vessel identified and cause of its loss:

The *Correio da Azia* was "coming from Lisbon to Macau against weather, seas and wind, fire, shallows and coastal dangers and errors of maps" when it ran aground on Ningaloo reef on 26 November, 1816. Established by the Portuguese in 1557 and returned to China in 1999, Macau was the oldest permanent European settlement in Asia. In the sixteenth and seventeenth centuries, it was the pioneer mercantile settlement on the trade route from Europe to the Far East. Although the *Correio da Azia* was following an established route of the Portuguese China trade, the contemporary charts clearly underestimated the size of the Western extension of Point Cloates. This, combined with a number of mishaps including a fire in the binnacle which prohibited navigation by compass, may have contributed to the wrecking.

The survivors from the wreck set off in the ship's boat stopping once further up the West Australian coast to make repairs to the vessel. The Captain's account makes mention of the fact that no natives were found, despite crew apprehension and that two of the crew were accidentally left behind. It was concluded that animals or natives had killed these sailors when they could not be found. Shortly thereafter, the ship's boat was picked up by an American ship from Philadelphia, named the *Caledonia* and the survivors eventually reached Macau. A party was sent back in the brigantine *Emillia* in the hope of salvaging the wreck of the *Correio da Azia*, but no trace of the ship could be found.

There have been a number of documentary sources related to the *Correio da Azia* found in archives. The account of the loss by Joao Joaquim de Freitas, Captain of *Correio da Azia* was found at the Arquivo Historico Ultramarino in Lisbon, being part of a report filed by Manuel de Arriaga Silveira, Governor of Macau. This document dated February 1817, also describes the organization of the *Emillia* salvage expedition prior to the mission itself. No further accounts concerning the outcome of this mission have been found in this or any other archive consulted.

The second account was written by Luis Antonio da Silva Beltrao, a pilot hired to chart the navigational dangers for the proposed salvage of the *Correio da Azia*. The report was published in Calcutta in 1818. At the Museum's instigation, a copy of this document was located and purchased by the Western Australian Library Board. The account deals largely with issues relating to the longitude and plotting of Point Cloates, which was at the time a notorious navigational danger. This was especially important, for all charts of the region were actually based on those of Vlamingh produced in the late 17th century. While more recent charts were available, namely those of Flinders and de Freycinet; neither of these explorers had charted this part of the Australian coast, as the Portuguese and many others had thought (Scott 1914:195).

Therefore the information available in 1816 was a composite work derived from earlier charts, inherent with the navigational errors of that period. The Beltrao instructions mentions, but does not locate, the exact position of the site. The account also mentions how the Captain of the rescue ship *Caledonia* showed his charts of the coast to the Portuguese commander who noted the longitude was 2° 25' by the 'London Meridian' (Erskine 1998 after Beltrao 1818). This is a reference to the difference in longitude between Greenwich and Paris. While Greenwich was the Prime meridian by the end of the 18th century, some French cartographers insisted on defining longitude as east or west of Paris. The implication is that the Captain of the *Coreio da Azia* was using a French chart of the Western Australian Coast (Erskine 1998:57).

The wrecking of a Portuguese vessel at Point Cloates in 1816 is also mentioned in the 1841 edition of *The India Directory or Directions for Sailing to and from the East*

Wreck Inspection Report – Correio da Azia

Indies, China and Australia and the adjacent ports of Africa and South America by James Horsburgh.

Wreck- site History

(i) **Contemporary Salvage:** The vessel *Emillia* that was sent to the coast of Western Australia to salvage the remains of the *Correio da Azia* but was unable to locate the site although the crew recognized the area it went down in. Subsequently the venture was abandoned (see: Appendix 3 Beltrao Account).

(ii) **When found in modern times and by whom:** For at least the last twenty years the *Correio da Azia* has been the most sought after wreck on the coast of Western Australia. There have been many seaborne searches both utilising manual and remote sensing techniques. The reef, in the vicinity of the Beltrao report, is a very complex structure and given the near impossibility of searching around all the thousands of outlying 'bommies' in the surf zone, airborne magnetometers were considered in the light of the earlier successful sweeps of Half Moon Reef in the Abrolhos. Given the distances involved and the configuration of the reef none could afford to donate slow moving helicopters for use as a platform and none could guarantee the ability to search in and around the reefs with the accuracy required to pinpoint a small wreck. Nonetheless, the approaches that were made to documentary makers and to aerial survey companies, like Aerodata and Associated Survey International (ASI), were positively received.

In 1997 Nigel Erskine, now of the Australian National Maritime Museum, produced a desktop analysis of the location of the site based on the Marcq St Hilaire or Intercept method in conjunction with the computer program Sky Map 2.1. This method of obtaining a position at sea involves calculating a heavenly body's zenith distance on the assumption that dead reckoning is correct (de Kerchove 1948:396). Beltrao took a number of lunar distances in order to plot the longitude and using the altitudes and times of observation, and with the program Sky Map, which gave predictions of the position of the stellar bodies at the time of Beltrao's visit, Erskine reworked these sights.

The lunar distances are based on a simultaneous sight of the moon, and in this case, the sun. Normally this is insufficient to obtain a fix and must be crossed with a further position line. In this case, however, the position lines are almost at right angles to the coast, and the position of the wreck is fixed by the intersection with Ningaloo reef (Erskine 1998:59).

A comprehensive survey was undertaken in 1998 using a marine magnetometer and diver trolling. The accessible sections of the reef earlier selected as possible for the Portuguese wreck were examined, but the divers and the equipment could not be taken in close in the swells. Also, the description of the reef did not fit the contemporary accounts.

In 2003, an offer was made by aerial survey company Fugro to fly a sophisticated magnetometer reconnaissance over the target area of the reef. Four targets were detected in the area anticipated where the site lay and became the focus of the search. A team from the Department of Maritime Archaeology investigated these sites in April 2004 and two shipwrecks were discovered. The first site investigated is at this stage, believed to be that of the *Correio da Azia* and the second is a mid-nineteenth century unidentified shipwreck.

(iii) **Modern Salvage:** Nil.

(iv) **Casual Diver interference, if any:** Nil. Since this represents a first discovery then there has been no confirmed reports of casual diver interference.

(v) **Modern diver use, if any:** Nil.

Assessment of Site Significance

(i) Archaeological:

The *Correio da Azia* (literally translated means “Asian Mail Ship”) is an archaeological site with international significance. Being a vessel of Portuguese origin, there has been a significant amount of interest in both its story and its location. It is presently thought to be the earliest Portuguese shipwreck found in Australian waters and the discovery will heighten public interest and further focus the discussion and debates about early European/Australian contacts. Portugal's trading ventures beginning in the sixteenth century, brought many vessels to regions quite close to Australia. Historians are divided over the likelihood of a sixteenth century Portuguese discovery of the fifth continent. However, there is currently no evidence of a Portuguese discovery before the Dutch.

(ii) Technological:

The *Correio da Azia* is described as a ‘galera’. We currently have no information, archival or archaeological, about this vessel type. Similarly, this is the only Portuguese vessel on the Australian coastline and information derived from archaeological excavation and survey is expected to provide new insights into 19th century Portuguese seafaring.

(iii) Scientific:

This site is significant because is located in a high energy environment and can provide further information in relation to ship disintegration and the effect of micro-environments which contribute to corrosion and other deterioration processes.

(iv) Educational:

Significant in its potential to inform the public of current archaeological (and conservation) techniques, as well as European history of contact with Australia through exhibition and lectures.

(v) Recreational:

This site is not recommended for the recreational diving community at this stage. It is subject to high wave and swell action. It would not be recommended to dive this site unless the divers were experienced in the conditions. There is also the potential for more material on site that may be deemed ‘at risk’.

(vi) Cultural:

As the earliest Portuguese shipwreck found in Australian waters, it has cultural significance in regards to Portuguese sea-faring, which, while not directly engaged with trade with Australia, brought vessels very close to the region.

Management Proposals

The *Correio da Azia* site is the earliest Portuguese shipwreck found in Australian waters and as result, has been identified as one of national significance. Subsequent reinvestigation should be an imperative. The site has been identified as both difficult to access and containing artefacts which may be considered at risk. Immediate management of the site should preclude visitation by and promotion to the general public until further investigation has been carried out. At the completion of this projected work, a plan of interpretation for the public should be initiated, in conjunction with CALM and other stakeholders of Ningaloo Reef. Similarly, the site should be considered for submission as a site of national heritage significance under the Environmental Protection Biodiversity Conservation Act.

Recommended Research Program

- 1 Archival research in Portuguese and Chinese archives: the focus should be on identifying archives which relate to the vessel itself, it's type and purpose as well as historical documentation in regards to the trading relationship between Portugal, Macao and Goa, the sailing experience of going non-stop from Europe to China, circumstances surrounding the wrecking of the *Correio da Azia*, and contact with Australia.
2. Reinvestigation of site to:
 - a) Conclusively identify the two remaining magnetometer anomalies.
 - b) Further survey and identification of primary site, including potential excavation.
 - c) Recovery of further material, including any remaining coinage, cannon and example of ballast pig.
 - d) Initiate a bathymetric survey to ascertain the process of wrecking and extent of site.
 - e) Initiate *insitu* conservation project to monitor long-term stability of site.
3. Excavation of coin concretion(s).
4. Artefact analyses including numismatic study of recovered coinage .

References

de Kerchove 1948 *International maritime dictionary*. Van Nostrand, Princeton, NJ.

Erskine, N., 1998, Testing the waters: some navigation problems of long distance voyages with particular reference to the wreck of the Portuguese ship *Correio da Azia* on the Western Australian coast, 26 November 1816. In: Papers from the Australian Institute for Maritime Archaeology 17th International Conference. The Maritime Archaeology of Long Distance Voyaging, held as part of Indian Ocean Week, Fremantle 5-13 September 1997. Bulletin of the Australian Institute for Maritime Archaeology, 22:55-60.

Green, J.N., and McCarthy, M., 1997, *Wreck inspection report Stefano (1873-1875) including the search for the Portuguese despatch vessel Correio da Azia (?-1816)*. Report—Department of Maritime Archaeology, Western Australian Maritime Museum, No. 132.

Green, J.N., 2003, *The search for the Correio da Azia*. Report—Department of Maritime Archaeology Western Australian Maritime Museum, No. 179.

Henderson, G. 1980 *Unfinished voyages: Western Australian shipwrecks 1622-1850*. University of Western Australia Press, Nedlands, Western Australia

Scott, E. 1914 *The Life Of Matthew Flinders* Harper Collins Sydney

Appendix 1: Material Raised



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ID 53634

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 43

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description lead piece possibly pump dale/scupper assembly

Material code 34 Lead

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

☐ Show graphic image

ID 53670

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 44 NS1

No. of artefacts 1 coriollilbook Modification date 6 May 04

Description ceramic jar fragment

Material code 22 Earthenware

Date Registered 4 May 04 Date Found 4 May 04

Area Code North West Point Cloates Area

Site location under cannon 1

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code

Sec. Location Tray No.

ANCODS

Disp Date On Disp Date Off

Display Notes

ID 53632

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 41

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description Green bottle base

Material code 44 Glass

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53633

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 42

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description Dove tail/fish plate

Material code 31 Bronze

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



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ID 53630

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 39

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description Sounding lead

Material code 34 Lead

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location S 22 deg 51.798 min

E 113 deg 45.062 min

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

☐ Show graphic image

ID 53631

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 40 NS1

No. of artefacts 1 coriolilbook Modification date 3 May 04

Description Sounding lead

Material code 34 Lead

Date Registered 3 May 04 Date Found 3 May 04

Area Code North West Point Cloates Area

Site location S 22 deg 51.798 min
E 113 deg 45.062 min

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code

Sec. Location Tray No.

ANCODS

Disp Date On Disp Date Off

Display Notes



Show graphic image

ID 53628

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 37

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified partial

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.


ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53629

 Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 38

NS1

No. of artefacts 1 coriolilbook

Modification date 24 May 04

Description coin concretion including Spanish Eight Reales

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53626

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 35

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified partial

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53627

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 36

NS1

No. of artefacts 2 coriolilbook

Modification date 3 May 04

Description coins unidentified partial, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



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ID 53624

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 33

NS1

No. of artefacts 9 coriolilbook

Modification date 12 May 04

Description coins, Spanish American, Eight reales partial, obverse bust facing right, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53625

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 34

NS1

No. of artefacts 5 coriolilbook

Modification date 12 May 04

Description Coins, Spanish Americas, Eight Reales, partial, one exhibiting shield, pillars and scrolls, crown and Bourbon arms, HISPAN ET IND REX concreted together.

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.


ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53622

 Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 31

NS1

No. of artefacts 3 coriolilbook

Modification date 3 May 04

Description coins unidentified partial, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53623

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 32

NS1

No. of artefacts 14 coriolilbook

Modification date 3 May 04

Description coins unidentified partial, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location main coin concretion

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53620

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 29

NS1

No. of artefacts 4 coriolilbook

Modification date 12 May 04

Description coins unidentified, partial, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

 Show graphic image

ID 53621

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 30 NS1

No. of artefacts 3 coriolilbook Modification date 12 May 04

Description coins unidentified partial, concreted together.

Material code 5 COINS

Date Registered 3 May 04 Date Found 3 May 05

Area Code North West Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code

Sec. Location Tray No.

ANCODS

Disp Date On Disp Date Off

Display Notes



Show graphic image

ID 53618

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 27

NS1

No. of artefacts 3 coriolilbook

Modification date 3 May 04

Description coins unidentified partial, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53619

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 28

NS1

No. of artefacts 2 coriolilbook

Modification date 12 May 04

Description Coins, Spanish American, Eight reales partial, obverse bust facing right
CA(RO)LUS (Carlos IV) 18(??) concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code

Sec. Location Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53616

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 25

NS1

No. of artefacts 2 coriolilbook

Modification date 12 May 04

Description Coins Spanish American, Eight Reales, one exhibiting shield, lefthand pillar crown and Bourbon arms, Assayer TH (1803-1810 Mexico), concreted together.

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53617

 Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 26

NS1

No. of artefacts 2 coriolilbook

Modification date 3 May 04

Description coins unidentified partial, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53614

 Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 23 NS1

No. of artefacts 2 coriolilbook Modification date 12 May 04

Description Coins, Spanish American, Eight Reales, pillars, crown and shield, HISP, Assayer I(J) (Lima 1789-1803) visible, concreted together

Material code 5 COINS

Date Registered 3 May 04 Date Found 3 May 04

Area Code North West Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code

Sec. Location Tray No.

ANCODS

Disp Date On Disp Date Off

Display Notes

☐ Show graphic image

ID 53615

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 24 NS1

No. of artefacts 2 coriollbook Modification date 3 May 04

Description coins unidentified partial, concreted together

Material code 5 COINS

Date Registered 3 May 04 Date Found 3 May 04

Area Code North West Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code


Sec. Location Tray No.

ANCODS

Disp Date On Disp Date Off

Display Notes

ID 53612

 Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 21 NS1

No. of artefacts 2 coriollilbook Modification date 3 May 04

Description coins unidentified partial, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53613

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 22

NS1

No. of artefacts 2 coriollbook

Modification date 3 May 04

Description coins unidentified partial, concreted together

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 03

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53610

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 19

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified partial

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODES

Disp Date On

Disp Date Off

Display Notes

 Show graphic image

ID 53611

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 20 NS1

No. of artefacts 1 coriolilbook Modification date 3 May 04

Description coin unidentified partial

Material code 5 COINS

Date Registered 3 May 04 Date Found 3 May 04

Area Code North West Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code

Sec. Location Tray No.

ANCODS

Disp Date On Disp Date Off

Display Notes



Show graphic image

ID 53608

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 17

NS1

No. of artefacts 1 coriolilbook

Modification date 12 May 04

Description coin, partial, Spanish American, possibly Four Reales, remains of
lefthand pillar, scroll and shield and bourbon arms design.

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53609

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 18

NS1

No. of artefacts 1 coriolilbook

Modification date 12 May 04

Description coin unidentified partial, Spanish American, possibly Four Reales, full outline of shield, crown and righthand pillar and scroll

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53606

☐ Show graphic Image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 15

NS1

No. of artefacts 1 coriollilbook

Modification date 3 May 04

Description coin unidentified partial

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

☐ Show graphic image

ID 53607

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 16 NS1

No. of artefacts 1 coriolilbook Modification date 3 May 04

Description coin unidentified partial, hole in middle

Material code 5 COINS

Date Registered 3 May 04 Date Found 3 May 04

Area Code North West Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code

Sec. Location Tray No.

ANCODS

Disp Date On Disp Date Off

Display Notes

ID

53604

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 13

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified partial

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

 Show graphic image

ID 53605

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 14 NS1

No. of artefacts 1 coriolilbook Modification date 12 May 04

Description coin,partial, Spanish American, possibly Four Reales, remains of
lefthand pillar and shield design.

Material code 5 COINS

Date Registered 3 May 04 Date Found 3 May 04

Area Code North West Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No Drawn Yes/No

PHOTNO

Museum Code

Sec. Location Tray No.

ANCODS

Disp Date On Disp Date Off

Display Notes

ID 53602

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 11

NS1

No. of artefacts 1 coriollilbook

Modification date 3 May 04

Description coin unidentified

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.


ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53603

 Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 12

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified, one quarter missing

Material code 5 COINS

Date Registered 3 May 04

Date Found 3 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53600

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 9

NS1

No. of artefacts 3 coriolilbook

Modification date 3 May 04

Description coin unidentified

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

☐ Show graphic image

ID 53601

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 10

NS1

No. of artefacts 2 coriolilbook

Modification date 3 May 04

Description coin unidentified

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.


ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53598

 Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 7

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

☐ Show graphic image

ID 53599

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 8

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53596

 Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 5

NS1

No. of artefacts 2 coriollbook

Modification date 3 May 04

Description coins unidentified

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53597

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 6

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes



Show graphic image

ID 53594

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 3

NS1

No. of artefacts 5 coriolilbook

Modification date 3 May 04

Description coins unidentified concreted together

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53595

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 4

NS1

No. of artefacts 1 coriolilbook

Modification date 3 May 04

Description coin unidentified

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53590



Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 1

NS1

No. of artefacts 1 coriolilbook

Modification date 7 May 04

Description Green glass bottle base

Material code 44 Glass

Date Registered 29 April 04

Date Found 29 April 04

Area Code North West

Point Cloates Area

Site location

Old rego/field No.

NOTES Found 5m East of main anchor in pothole in the reef. Retrieved by Geoff Kimpton.

Dimensions 8.6cm diameter

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

ID 53593

☐ Show graphic image

Status

Ningaloo Site 1 (Correo da

Registration No. NS1 2

NS1

No. of artefacts 6 coriolilbook

Modification date 3 May 04

Description coins unidentified concreted together

Material code 5 COINS

Date Registered 1 May 04

Date Found 1 May 04

Area Code North West

Point Cloates Area

Site location near coin concretion, surface collection

Old rego/field No.

NOTES

Dimensions

Photo Yes/No

Drawn Yes/No

PHOTNO

Museum Code

Sec. Location

Tray No.

ANCODS

Disp Date On

Disp Date Off

Display Notes

Appendix 2: Account of wreck by Joao Joaquim de Freitas Captain of *Correio da Azia*

...this declaration made by Joao Joaquim de Freitas, Lt. Captain of the Naval Dept. of Goa, Commander of the ship (galera) that wrecked named *Correio da Azia*, owned by Joao Nunes da Silveira coming from Lisbon to Macau against weather, sea and wind, fire, shallows and coastal dangers and errors of Maps. On the 25th day of November of the Year of our lord Jesus Christ 1816, the aforementioned Galera running with sail, continuing along the Western coast of New Holland, at the distance from the same of seven to eight miles, having the said Commander and other Pilot officers affirmed the Sun on the 24th Astronomical day at the median terms of 3 latitudes South 24 degrees and 16 minutes, having lost sight at 21 hours of (Bamin—exact name unclear, could also be Barrin) Island which had been the first land sighted at 19 hrs 20 minutes of the same day and having been observed until 6 hrs of the afternoon of the aforementioned day (i.e. the 25th), the appointed way was by day NE quarter of N to N quarter of NE, always 32 miles of distance, the Coast 6–8 miles, denoting at that hour land from N and of the same to NE quarter of N and further, from S to SW quarter and 1/2 to S, the said Commander continuing to navigate in the direction N quarter of NE to N, 28 miles when at 10 hrs the bow lookouts and the other officials on the upper deck saw a white barrier (shoal?) on the same coast at a distance of little more than 8 or 9 miles, the adj. commander immediately ordering to haul up to NNW, having the wind blow away from West South East (sic) to the coast and continuing thus until mid—(unclear) night 5 miles and in that same hour the Coast could no longer be designated (seen) the adj. commander ordered to make way N quarter of NW for 1/2 hour, the ship traveling 16 miles per hour, and from that hour until 1, to N at the same 16 miles per hour, and at that same hour fire breaking out in the binnacle, persisting for a space of 1/4 hour, making it impossible to steer by the compass the course, determined by the Commander, and as soon as it became possible to steer the determined way by the light of a lantern in the space of 1/2 hr it was denoted from the top deck by the Ensign (unclear), Jose Antonio Pinto, to the counter—master Pedro Fransisco a turbulence off the starboard of the prow, without the lookouts that had been designated by the Commander having taken notice of it, and the adj. Commander ordering the hauling up of the balina (sail) all the wind it would give, it being (the wind) at the same time W, and determining at the same time to place the anchor immediately since it continued with its flukes overboard and a cable of 20 lengths extended from stern to bow, and seeing the said turbulence to continue off the prow and just about to come about to the side (unclear), the ship hit twice, continuing however always to make some way without hitting, and wanting to turn the ship aside and starting again to make way, we, making the due maneuvers as also setting out (unclear) the prow sails, felicitously denoting (unclear perhaps—'clear water') to starboard and beginning even to make some way without there being seen any rough water off the prow, in hit and at the second (hit) its rudder failed and immediately crossed in the sea and turned on its port side and filled with water, bursting with such great force that (unclear) the ship from starboard to port immediately puncturing (unclear) from starboard to the (unclear—possible certain types of "masts"—"matarcas") these falling and thus finally the Commander deciding for the best to launch the Launch in the sea so that we could save ourselves, all of us embarking immediately, and so we stayed until the breaking of day, tied off to the masts of the same, unable to cast off to the side due to the many rocks that appeared out of the water unable at this time to save anything except 3 barrels of biscuits and three (unclear—some form of measurement may be—"almodas" perhaps) of water that were in one of the Commanders jars and which was tied to the Gatta mast, that mast not having failed (unclear), casting of to sea, affirming all 3 pilot officials that we were 7–8 miles from the coast in the coast and that between the coast and the shallows there was a channel, since the tide was low and nothing like rocks or s and banks or rough waters could be seen there, but Yes everything from bow to stern were rock heads out of the

water, extending out to sea for over 1 mile, and at 21 hours of the same day all three pilots worked to save us from the great danger in which we were in, given the breaking of that same day that in this fashion we saved ourselves from the shallows (unclear) people. launch, (unclear) and as already declared navigating along the coast to the N until noon, observing the sun all three pilots found it to be 22 degrees latitude, 46 minutes S at the same time it was observed from the Launch at 11 to 12 miles having navigated, it was still possible to divine the top of the "Gatta" (front) mast, that by this same navigation the aforementioned "baixo" (Note: this could mean two different things and which is not exactly clear—it could refer to the fact that the ship is "down" (baixo) or else to the shallows (baixo) on which the ship is down—the point may be academic since in the context, in either case, they seem to be trying to pinpoint as best they could the location) is at Latitude 22 degrees and 50 minutes S, With very little differences at the same time a large turbulence was seen to the NW of the "Agulhas" (Note: this probably refers to the "Compass", although it is in the plural which is sort of odd and thus might refer to some topographical feature known as the needles) with a small island and several rock heads out of the water at the distance from the launch of 9—10 miles at the same time at a distance from the Coast of 6—7 miles such that the Commander and other Pilot officials were left certain—that it was the Island of Cloates and from the said coast ('was seen'? —unclear) a stretch of rock under the water with a large turbulence that extended out to sea for over 4 miles, and the said island found on all charts at latitude S 21 degrees 45 minutes and latitude east of London 108 (very unclear) degrees, 23 degrees and the afore mentioned stretch of rock was marked East of the "Agulha" (compass "needles" see previous note) and the Island to West quarter of NW, and the launch (unclear) between the two dangers (unclear) Channel which was supposed to have water enough for a big ship, and continuing to navigate until midnight with the prow NNE, wind SW, and at that same hour we stayed stopped until the break of day, when 'We continued along the same coast at a distance of 5—6 miles and at 23 hrs the 26th (the day) we rounded the cape from NW and went along the Coast searching for an inlet, in this way to be able to arrange/fix the launch in a state to be able to cross the passage between the coast of 'New Holland and the Manchurian straits.

—the following 3 pages describe the repairs made to the launch, the fact that no natives were found on the island despite crew apprehension, and the departure of the launch without two men who were supposed killed by animals or natives and could not be found, and the fact that they were picked up almost immediately by an American ship from Philadelphia named the —Caledonia

[Translation is picked up at point describing a conversation that took place between the two captains] that same Captain (of the *Caledonia*) stated that 5 or 6 years previously on that same an American ship from Boston, named the "Rapid" had wrecked on that same—shallow, and the same, captain was going to Canton in the, year 1815 on the 2nd of October coming from Philadelphia to Canton in the ship *Caledonia* having observed at the time the Sun was found at Latitude S 24 degree and navigating at a distance from the Coast of, New Holland of 8—10 miles of the North way, N quarter and 1/2 NE 26 miles and to the N quarter of NE, 18 miles until 15 hrs and 3 minutes he sighted an island of white sand on the coast, denoting it to NE, NE continuing more or less (unclear), there was a sailor atop the tri-mast who sighted a turbulence of the sea from N quarter of NE, to NE quarter of N a little more than a mile distant from the ship, he the said captain ordered hauling up the prow, to NW quarter of W, with wind from SW to S navigating 16 miles, and to NE half N until 17 and 1/2 hrs. So that. he found himself at the distance of 6—7 leagues from land which was, seen from (unclear) N to— NW and to S, SW, showing us his charts on which none of them was marked any such shallow and for observing the distance and at, the Latitude affirmed by day he found himself at Latitude S 22 degrees 50 minutes, all the charts done, of the coast of New Holland showing it further to the N 40 minutes than in reality it is, and 2 degrees 25 minutes West by the London Meridian and that he the Captain on one of his charts on this

Appendix 3 Emellia Translation:

The shallows of the reefs close to the coast extend northward in a $20^{\circ} 00'$ NE direction, While We were steering SSE and SEbS, in order to seek the reef on which *Correio de Azia* was lost. According to the latitude in which the vessel was lost and the course taken by the launch in which the crew was saved they found themselves amongst this large rocky danger which extends seawards from the coast, (in my opinion the loss of the vessel was not due to a lack of knowledge, but by the proximity of the coast, and even more so at night when there is insufficient light to give adequate warning of dangers and so to avoid dire consequences): it was fortunate that when we sighted the large rock we also saw the large area of shallows at the point of land and extending well to seaward, while the depths were from 40 to 30 fathoms, sand and rock. At 21h 56m 13s-21h 58m 07s - 21h 59m 14s. Having taken the number of observations which you see, numbers 3 to 6, the mean Longitude was found to be ($113^{\circ} 47' 45''$); later at 24h the observed Latitude was found to be $22^{\circ} 48' 12''$. The reef or large rock which extends seawards from the coast bore $18^{\circ} 00'$ NE and in distance more or less 9, and the reef on which it is believed *Correio de Azia* was wrecked 48° SE. The Latitude of the large rock, seaward of the coast should therefore be $22^{\circ} 39' 30''$. According to what I have heard and from the officers themselves, our combined remarks and reflections are: the calculated longitude of the vessel from lunar distances to the sun, deduced from four observations is $113^{\circ} 47' 45''$; then the land should be in Longitude $113^{\circ} 50' 46''$, with small errors latitude given above $22^{\circ} 39' 30''$.

7th June 1817. We continued on a NE tack, coasting along the large reef, but only areas awash were seen, while our depth was 37 fathoms, sand, rock and gravel, and the current carries us strongly towards the coast; this coast is of a good height the highest we had seen along the whole coast. The boat went to the shore, in it my commander who, because of the misfortune which had happened to him, would be able to recognize the position of the mishap in the same boat were some of the sailors who had been with him when he was wrecked. They encircled the reef and recognized the position, the exact site of their misfortune, with a bottom of rocks and a circle of rocks similar in appearance to a salt marsh. They were then sure that this was the position they sought. At 22h 00 I took a large number of observations and my commander an equal number, from which we deduced the calculated Longitude E of Greenwich as $113^{\circ} 52' 47.07''$ as can be seen from calculations Nos 7 to 10 so that in this Latitude the Longitude of the coast should be $114^{\circ} 00'$, due to the distance we were off it in my estimation; this should be accurate to plus or minus one minute. The extremity of the reef on Which the vessel *Correio de Azia* should be in Longitude $113^{\circ} 52' 00''$ and the land on this parallel in $113^{\circ} 55' 30''$. Therefore my work should serve from today onwards to assist my fellow seamen, completed by astronomical observations though without the aid of a chronometer. They should navigate with great caution but sighting the large patch of vegetation which is situated in a mean latitude of $23^{\circ} 51' 25''$ S and Longitude $113^{\circ} 44' 30''$ or even when finding themselves on the parallel of $24^{\circ} 00'$ S and within sight of land, they should never steer E of a course $11^{\circ} 15'$ even when the currents do not set them into dangers (if the SW monsoon is not blowing) lying between $23^{\circ} 15'$ and $22^{\circ} 57'$, they will encounter the one lying in $22^{\circ} 39' 30''$, $113^{\circ} 50' 46''$

**Appendix 4 Portuguese Archival Sources- Courtesy
Alexandre Monteiro, Monica Bello and Filipe Castro.**

P. Lima 9 de Mayo

1813

Señor

OP

M. S. Pape del Sr. Mito Pasterio de
Ordene del P. P. y de la Orden de la P. de B. de
Lima, q' el Sr. Pape del Sr. Mito Pasterio de
p. embarcar de la P. de Lima no Navio de la P. de
Lima de Lima q' se dirige a Lima como
creta pello P. de Lima, ad q' he la P. de
Lima de Lima, mas como no se
sea para ser Mito Pasterio de Lima
de Lima P. de Lima

P. A. P. de Lima
mandar de la P. de Lima
para de Lima dirigido al
Lima de Lima, q' he la P. de
Lima

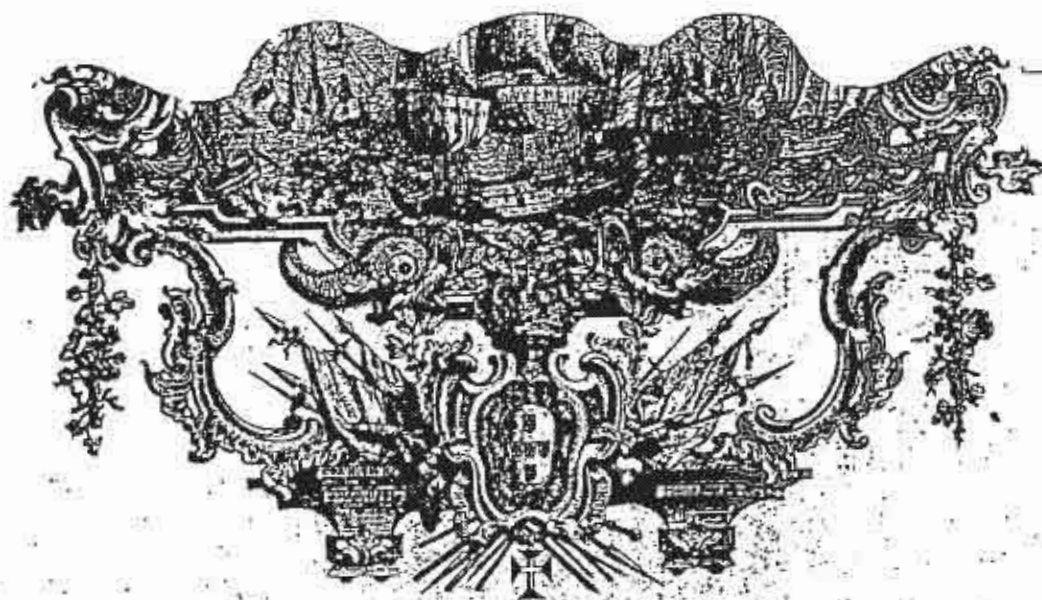
De Lima

Pius Episcopus
 et L. S. Humboldt 1844

5-5-1113

Francisco Xavier de Montoya
 Doctor de Leyes y Filosofía
 de la Universidad de Salamanca
 1813

Juan de la Cruz
 1813



D. MIGUEL PEREIRA FORJAS COUTINHO, do Conselho do Principe Regente Nosso Senhor, Senhor dos Coutos de Freiriz e Penagate, Commendador na Ordem de Christo, Grão-Cruz na de S. Tiago da Espada, Tenente General dos Reaes Exercitos, Inspector Geral das Milicias, Secretario dos Negocios da Marinha, Estrangeiros, e da Guerra, &c.

Faço saber aos que este Passaporte virem que *do Porto da Cidade de Lisboa faz viagem para os Portos da Índia, donde hade voltar para a mesma Cidade de Lisboa, a Galia denominada Ciroris L'Asia, de que ha Mestre Francisco de Brito Antunes e Silva, e phario p. si e filhos do sobredito, como se faz certo nesta Secretaria da Marinha pelo juramento do mesmo Proprietario, e Documantos por elle apresentados, sendo todos os sobreditos,* —

Portuguezes, e Vassallos destes Reinos, sem que na dita *galia* tenha parte pessoa alguma Estrangeira. E porque *na dita galia* póde ser encontrada em quaesquer Mares, ou Portos pelos Cabos, e Officiaes das Nãos, e mais Embarcações do mesmo Reino: Ordena o Principe Regente Nosso Senhor lhe não ponhão impedimento algum. E recommenda aos das Armadas, Esquadras, e mais Embarcações dos Reis, Príncipes, Républicas, Potentados, Amigos e Alliados desta Corôa, lhe não embaracem seguir sua viagem; antes para a fazer lhe dem a ajuda, e favor de que necessitar, na certeza de que aos recommendados pelos seus Príncipes se fará o mesmo, e igual tratamento. Em fé do que lhe mandou dar este Passaporte por Mim assignado, e sellado com o Sello grande das Armas Reaes. Dado em *Lisboa aos vinte e quatro dias do Mês de Setembro* do Anno do Nascimento de Nosso Senhor Jesu Christo *de 1816*.



M. Miguel Pereira Forjas Coutinho

Por Ordem de S. Excellencia

José Pedro Romão



*Quarenta e dois mil
Reaes de Antiqua
Oliveira*

Q. W. P. 1000 in 3
1000 in 1000

Ma. 11.11.11

7181-6h2

1778. d. 21. der Commune
 de Fribourg mit recht. Anstalt
 d. vord. in 24. Blätter abdruck.
 Gottschmanns Abdruck.

*Milady, que son luyne de l'écrite p'minaire
de Deyr, Antioche & Alep, au jour des-
qu'on s'en va. En ill. le Octobre de 1874.
D'Inchiquin & D'Ankara.*

BASE DE DADOS "NANYANG"

CAMPO I - DOCUMENTAÇÃO EM MACAU

Manuscritos

1. Idioma - _____
 2. N.º - _____
 3. Localização - _____

CAMPO II - IDENTIFICAÇÃO DA FONTE

1. Arquivo/Biblioteca - ARQUIVO HISTÓRICO ULTRAMARINO
 2. Núcleo (Fundo)/Coleção - MACAU - avulsos
 3. Caixa/Festa/Marco/Código/Libro - nº 13
 4. 1. Outras Extremas - 1813 (Tratado de Desambur, 29)
 4. 2. Processo/Capítulo/Doc/Vol/Fol - nº 13
 4. 3. Suposta -
 4. 4. Número de Folios -
 4. 5. Conservação -
 4. 6. Cota - A.H.U. - MACAU, ex. 35, don. nº 15
 4. 7. Localização do Original - A.H.U.

CAMPO III - CONTEÚDO DOCUMENTAL

3. 1. Data completa (crónica e tópicos) - Ant. a 1813, Março, 29, Lisboa
 3. 2. Tipologia do documento - REQUERIMENTO
 3. 3. Autor - Padre José da Santa Rita Pacheco
 3. 4. Destinatário - D. João, (príncipe regente de Portugal)
 3. 5. Assunto - Pedido de um aviso dirigido à Junta Real do Comércio autorizando a viajar como capelão no navio "Correio da Índia" que parte para a China

CAMPO IV - OBSERVAÇÕES

4. 1. ANEXO
 4. 1. 1. Data completa - Ant. a 1813, Março, 29, Lisboa
 4. 1. 2. Tipologia do documento - REQUERIMENTO
 4. 1. 3. Autor - Padre José da Santa Rita Pacheco
 4. 1. 4. Destinatário - Capelão-mór das Armas, padre Jaime José da Costa Couto
 4. 1. 5. Assunto - Pedido de autorização para embarcar para a China no navio "Correio da Índia", como capelão
 4. 1. 6. Observações -
 4. 2. ANEXO
 4. 2. 1. Data completa -
 4. 2. 2. Tipologia do documento -
 4. 2. 3. Autor -
 4. 2. 4. Destinatário -
 4. 2. 5. Assunto -
 4. 2. 6. Observações -

BASE DE DADOS "NANYANG"

CAMPO I — DOCUMENTAÇÃO EM MACAU

Manuscritos

1. 1. Idioma — _____
1. 2. N.º — _____
1. 3. Localização — _____

CAMPO II — IDENTIFICAÇÃO DA FONTE

2. 1. Arquivo/Biblioteca — ARQUIVO HISTÓRICO ULTRAMARINO
2. 2. Núcleo (Fundo)/Colecção — Macau - avulsos
2. 3. Caixa/Pasta/Maço/Código/Livro — nº 35
2. 3. 1. Datas Extremas — 1813 (Janeiro-Dezembro, 29)
2. 3. 2. Processo/Capilha/Doc./Vol./Fol. — nº 17 1fl.
2. 4. Suporte — _____
2. 5. Número de Fólios — _____
2. 6. Conservação — _____
2. 7. Cota — A.H.U. - MACAU, cx. 35, doc. nº 17
2. 8. Localização do Original — A.H.U.

CAMPO III — CONTEÚDO DOCUMENTAL

3. 1. Data completa (crónica e tónica) — 1813, Maio, 5, Lisboa
3. 2. Tipologia do documento — PASSAPORTE
3. 3. Autor — Secretário do Governo do Reino nas Repartições da Marinha, Negócios Estrangeiros e Guerra, D. Miguel Pereira Forjaz Coutinho
3. 4. Destinatário — _____
3. 5. Assuntos — Viagem da galera Correio da Ásia para os portos da Ásia e regresso a Lisboa, de que é mestre Francisco de Borja Antunes e Silva, senhorio José Nunes da Silveira.

CAMPO IV — OBSERVAÇÕES

BASE DE DADOS "NANYANG"

CAMPO I — DOCUMENTAÇÃO EM MACAU

Manuscritos

1. 1. Idioma — _____
1. 2. N.º — _____
1. 3. Localização — _____

CAMPO II — IDENTIFICAÇÃO DA FONTE

2. 1. Arquivo/Biblioteca — ARQUIVO HISTÓRICO ULTRAMARINO
2. 2. Núcleo (Fundo)/Coleção — Macau - avulsos
2. 3. Caixa/Pasta/Maço/Códice/Libro — nº 37
2. 3. 1. Datas Extremas — 1814
2. 3. 2. Processo/Capilha/Doc./Vol./Fls. — nº 41 1 fl.
2. 4. Suporte — _____
2. 5. Número de Fólios — _____
2. 6. Conservação — _____
2. 7. Cota — A.H.U. - MACAU, cx. 37, doc. nº 41
2. 8. Localização do Original — A.H.U.

CAMPO III — CONTEÚDO DOCUMENTAL

3. 1. Data completa (crónica e tópica) — /ant. a 1814, Setembro, 27, Lisboa/
3. 2. Tipologia do documento — REQUERIMENTO
3. 3. Autor — Proprietário da galera "Correio da Ásia", José Nunes da Silveira
3. 4. Destinatário — /D. João/, (príncipe regente de Portugal)
3. 5. Assuntos — Pedido de embarque do soldado Domingos Rebocho na galera "Correio da Ásia".

CAMPO IV — OBSERVAÇÕES