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Journal on

Holding Institution	British Library: India Office Records and Private Papers
Reference	IOR/L/MAR/A/LVII
Date(s)	14 Mar 1632-12 Aug 1633 (CE, Gregorian)
Written in	English in Latin
Extent and Format	1 volume (43 folios)
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About this record

Journal of the voyages of the East India Company ships *Jonas* [referred to as 'Jonah'] and *Exchange*, kept by an unidentified officer, who served successively on both ships.

The journal concerns parts of the following voyages: *Jonas*, voyage from England to Surat, (Captain John Weddell, Master Richard Monck), 1632-35, and *Exchange*, voyage from England to Surat, and back, (Captain John Pynne, Master Richard Andrews), 1631-34.

The journal covers the following part of the voyage of the *Jonas* (dates given are for arrival unless otherwise indicated): left the Downes [Downs], 29 March 1631 [New Style date 29 March 1632]; 18 July 1632, Augustine bay [St Augustine's Bay]; 16 August 1632, Mohyla [Moheli]; 25 September 1632, Jasques [Jask]; 2 October 1632, Comeroune [Bandar Abbas]; 28 November 1632, Swalley Hole [Suvali, Surat]. On the 28 December 1632, the officer who compiled the journal was transferred to the *Exchange*. The journal then covers the following part of the *Exchange*'s voyage (dates given are for arrival unless otherwise indicated): 27 January 1632 [New Style date 27 January 1633], left Suvali; 29 March 1633, Tecoo [Tikus, Malaysia]; 25 June 1633, Pryaman [Pariaman, Indonesia]. The journal ends in August 1633, with the ship in the vicinity of Bancoola [Benkulu, Indonesia].

Inscribed: 'Laus Deo per m[are] & per Terras [Praise be to God on sea and land], Martii 14th aD1631 [14 March 1631/32]. Journall of a vioage [voyage] to Sarratt [Surat] in East India Beeinge a fleet of 5 sayle of ships viz. The Charles, Admirall, Jonah Viceadmirall, Dolphin, Reare-Admirall, The Hart & the Swallow, who

God preserve & send safe to Their desired ports. Amen (folio 5).

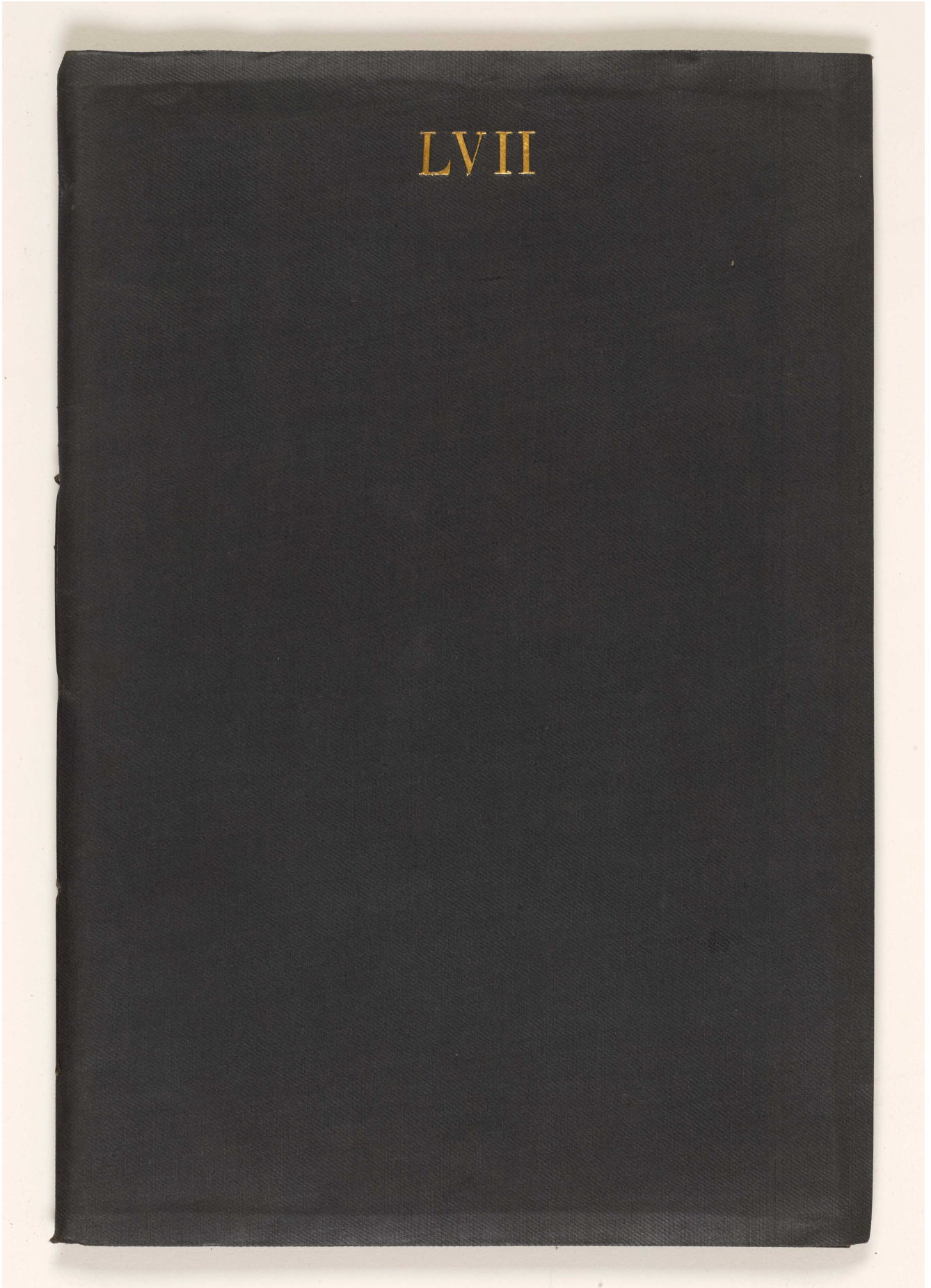
A memorandum states that the writer was transferred from the *Jonas* by a consultation of the council on 28 December 1632, to the *Exchange*, in order to undertake a voyage to the west coast of Sumatra. The journal is then inscribed: 'Ship Exchange, Laus Deo [Praise be to God] January 27 1632 [27 January 1633, New Style]' (folio 26).

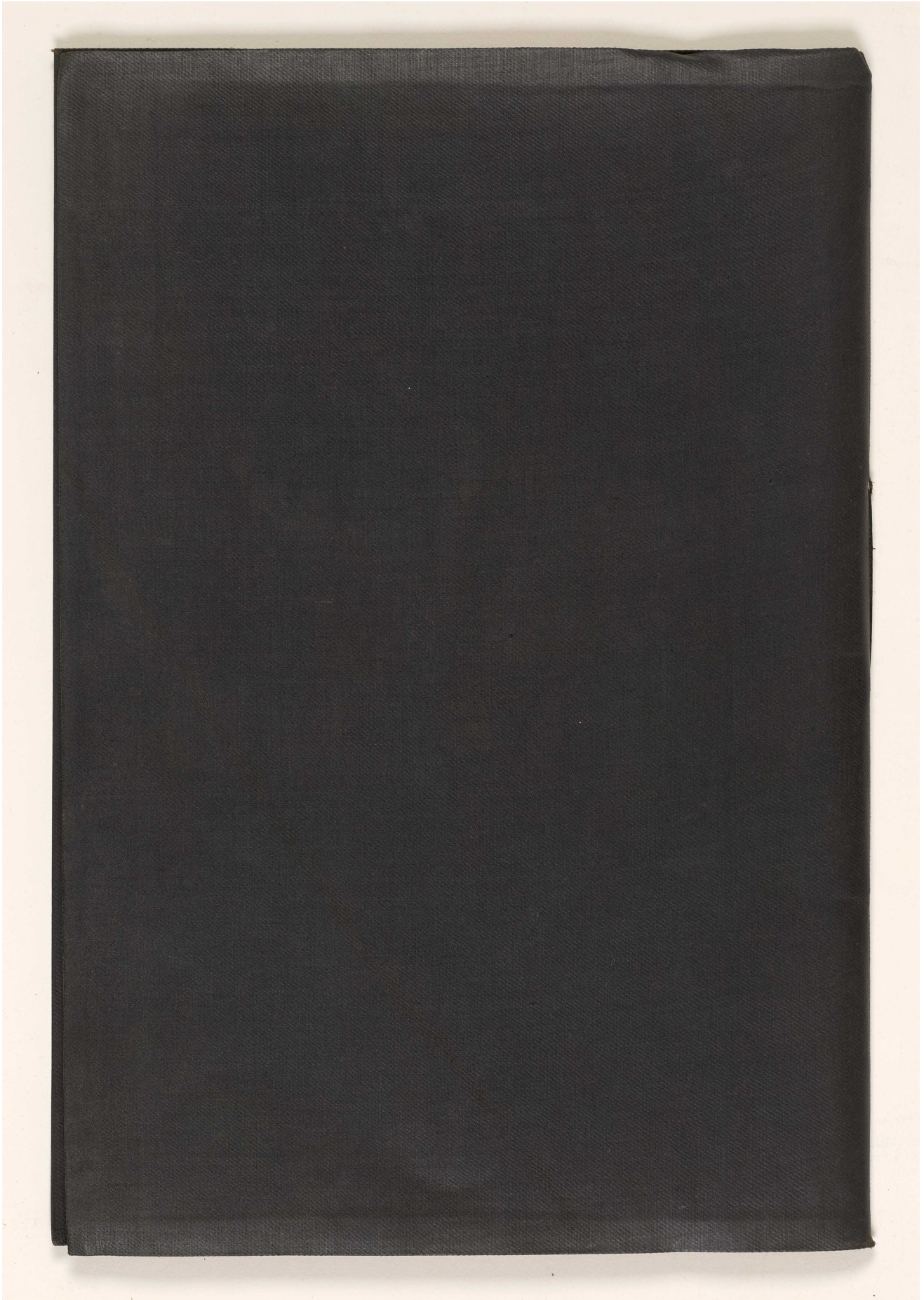
The journal contains regular, nearly daily, entries. The entries are dated in the left hand margin, which also contains navigational readings, and occasional notes.

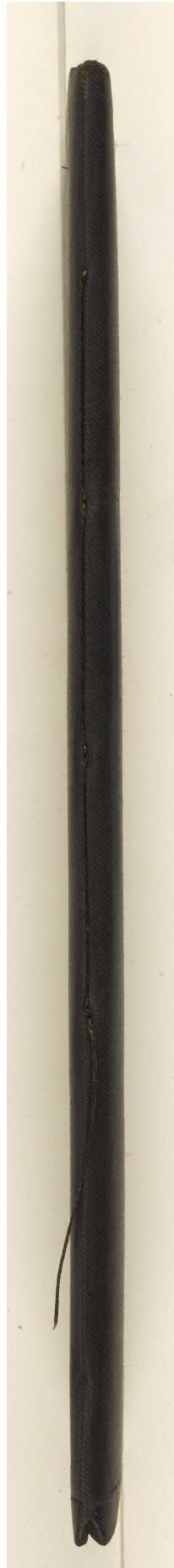
The journal records: navigational information; currents; winds; weather; deaths of crew members; references to the ships with which the *Jonas* and the *Exchange* sailed in convoy; and trading activity.

The journal employs Old Style (Julian calendar) dates throughout.

A undated note concerning the provenance and content of the journal appears on folio 2. The note states that the journal was purchased in 1894, and that the writer of the journal was probably one of the Master's Mates of the *Jonas*, but that it is not known in what capacity he served on the *Exchange*.





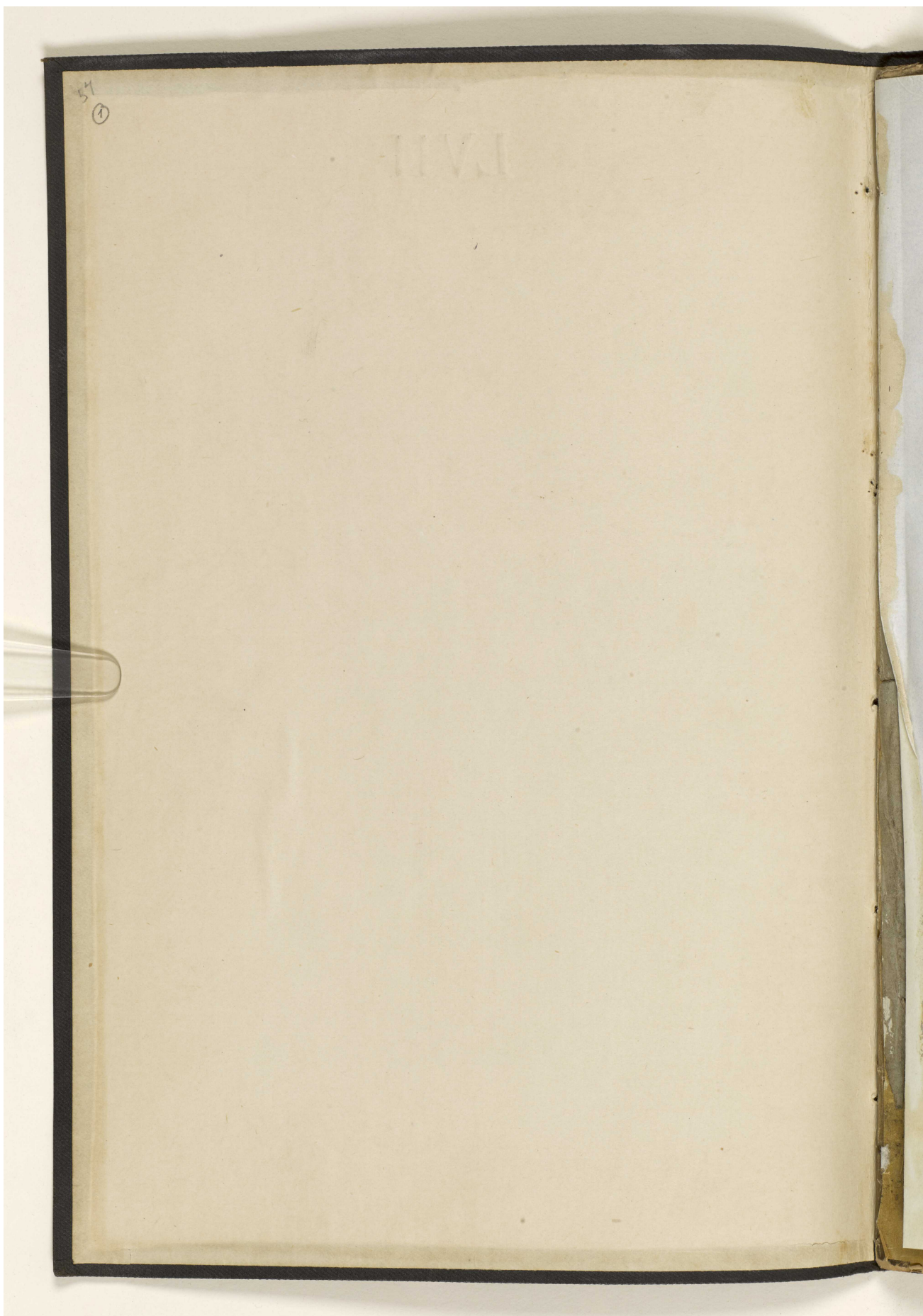




Journal on Jonasand Exchange [head] (5/94)







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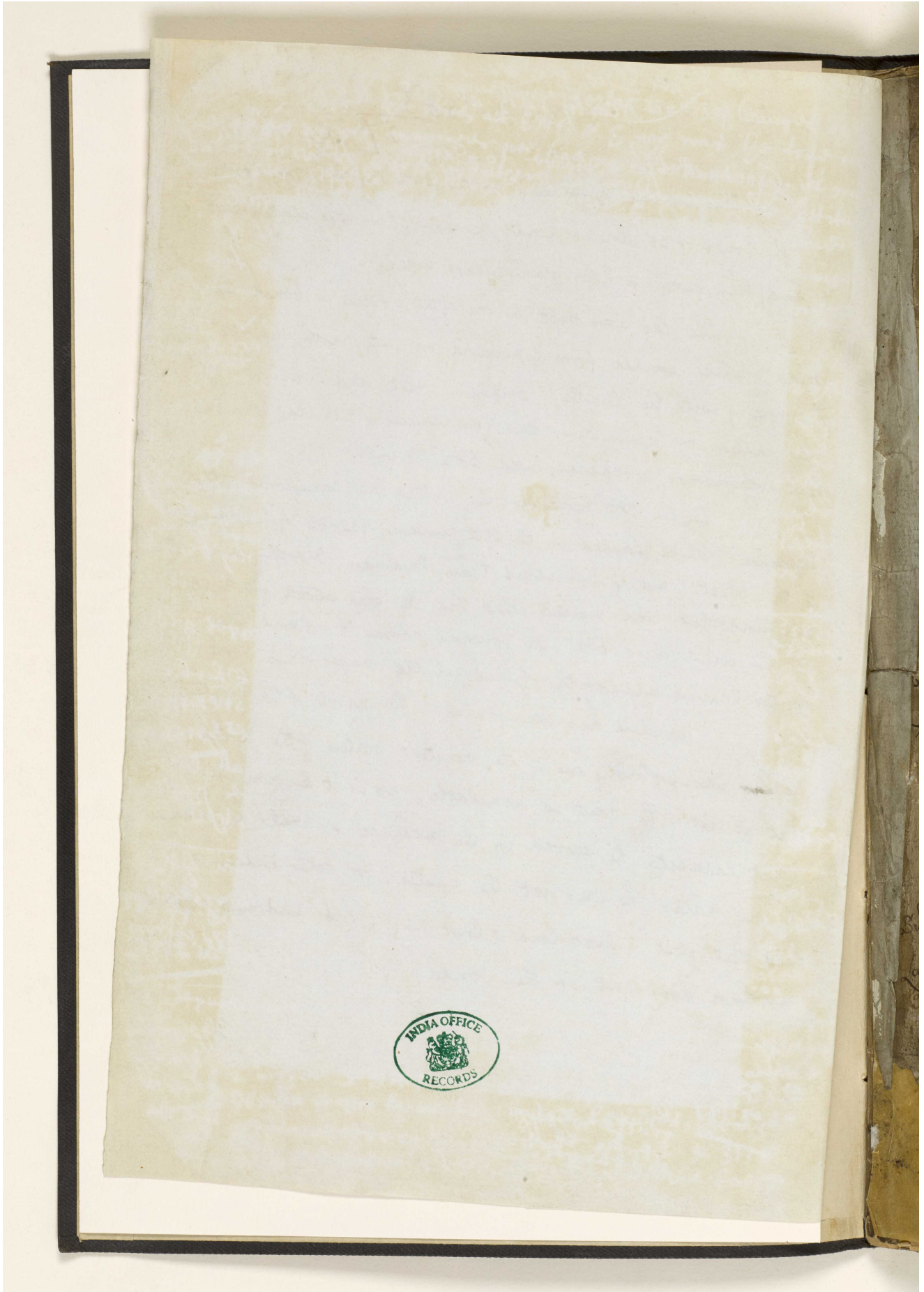
This Log was purchased, on the 29th March, 1894, from Mr. R. Jones, of 25, Angles Road, Streatham, S.W., who stated that it had been given to him many years ago.

The Log was kept by one of the officers on board the "Jonah", which sailed from Gravesend on 14th March, 1631-32, in company with the "Charles", "Dolphin", "Hart" and "Swallow".

They called at St. Augustine's Bay (Madagascar), Mohilla, Johanna, Jask, & Gombroon, & reached Surat, 28th November, 1632.

On the 28th December, the writer was transferred to the "Exchange", which sailed on the 27th January, 1632-33, on a voyage to the West Coast of Sumatra - Tikou, Piaman, Indrapura, and Peneoolen were visited, and then the ship stood for Bantam. At this point (Aug, 1633), the journal comes to an end, the writer having apparently filled up the pages of his book.

No clue has been found to the name of the writer. He ~~was~~ was probably one of the master's mates of the "Jonah", but no list of the crew is available, nor is it known in what capacity he served in the "Exchange" - altho' he speaks of "my mates", he was not the master, for Peter Andrews held that post (Surat Cons. & Court Min.); and Andrews could not have come out in the "Jonah".



Law Sea of the ...
March 14th a.d. 1631.

Journal of a voyage to Saratt in East India
by three fleets of 5 Saylor of Ships: viz
The Charles: Admirall: Jonah Viceadmirall
Dolphin Rear-Admirall. The Hart & y^e
Swallow: who God preserve & send safe to
their desired ports. Amen

- 15th Wee set Saylor from Gravesend
- 16th Wee came into the Downs:
- 17th Wee set Saylor out of the Downs:
- 18th Wee bore down into the Portland Road called for
Grave the wind at SSE: blowe what you see
light in the N.W. & you may come in till you bring the
point of the S.E. of you & the in a or 4 fathoms so the day & round.
- 19th Wee set Saylor from the Portland.
- 20th The Saylor bore west N.W. of us 6 leagues off
- 21th The Saylor bore NW & by W. at 10 of the Clocke
7 leagues off the shore was steered SW & SW & by N
at noon at was round by. and at 4 of the Clocke
it bore NNW 10 leagues off the wind at SSE
wee steered SW & by S. Then the wind shifted
to the S & S & by W. rayne & lowle weather
- 22th This day noon we were distant from the
aboard us at 10 of us, the true course being
a SW & by W. way 10 leagues. being by observation
in the Latitude of 49. & 00. Longitude at 14. & 37
- 23th This day noon sailed SW & by N 6 leagues. &
& by S. 3 leagues & W.S.W. 7 leagues. So the route
the Saylor is 16 leagues SW $\frac{1}{2}$ N. by. but the true
route w^{ch} the Saylor way allowed is 16
16 leagues, & had no observation left the
day's weather the wind variable

To this day noon we sailed by the Logge SW
5 leagues, & SW & by S. 6 leagues, & at 2 o'clock
the ship at night in full sail, & so con-
tinued till 4 o'clock when the wind
sawd to be SW & SW & by W. & was sayled
S & by W 5 leagues & 2 miles, the true
course is SW $\frac{1}{2}$ W by 11 leagues, the bearing
may allowe S & by E 5 leagues & 2 miles
fayre weather & litle wind.

To this day noon we sailed by the Logge SW
& 2 miles by the Logge the wind at SE & by E
fayre weather & litle wind beinge by ob-
servation in the latitude of 45 & 36
this day I gott up the Verlonge upon my
platt & amended the point of Imagination
by the true Latitude Cape Finster SSE, 4 leagues

To this day noon we sailed by the Logge SW
3 leagues SW, the wind at ENE & NE, fayre
weather and litle wind, somtymes a fine gale
but very close weather that the sunne appeared
not, so we had no observation.

To this day noon we sailed by the Logge SW
3 leagues & 2 miles & S & by W $\frac{1}{2}$ W by 6 leagues
& 2 miles & SW & by W 1 league & 1 mile, so that
would be S & by W $\frac{1}{4}$ W by 42 leagues, the
observation in the latitude of 42 & 38
latitude 30 S. fayre weather & litle
wind & NE, we went up the bay

To this day noon we sailed by the Logge SW
3 leagues & 2 miles & S & by W $\frac{1}{2}$ W by 6 leagues
& 2 miles & SW & by W 1 league & 1 mile, so that
would be S & by W $\frac{1}{4}$ W by 42 leagues, the
observation in the latitude of 42 & 38
latitude 30 S. fayre weather & litle
wind & NE, we went up the bay

Lat 32^o 22^o we sailed out way S $\frac{1}{2}$ W & our way S $\frac{1}{2}$ E &
 Lon. 07. 25 4 wayes S. so the true course w^{ch} the variation
 allowed is S. 26 Leagues & a myle by Plane
 the wind at NNE. sayre weather, some what
 duskiff, w^{ch} a frost gale.

Sunday:
 22^o To this Day went we sailed by the Logge 14 Leagues
 S. & 29 Leagues S & by E the wind at NNE & NE
 sayre weather & a frost gale by Compass
 varies 5 degrees & a gale so the true course

Lat. 30^o 16^o by Plane is S $\frac{1}{2}$ of South 42 Leagues, w^{ch}
 Lon. 07. 34 the variation allowed. It was very light weather
 so we had no observation but by Imagina
 tion we were in the Latitude of 30^o 16^o
 then was Donorife SW & by S 28 Leagues she
 find the Grand Danavia. So at some 37
 Leagues of it. at 3 o' clock in the afternoon

A Sayle found. we saw a sayle to the South of us, w^{ch} steered
 right of us. and about 5 o' clock she shot
 2 pieces of ordinance from all 4 Shotes
 This ship was a Sallee of 2 pieces of ordinance from Lima, she spoke w^{ch}
 was our rooms by the way she spoke for Lima, she spoke w^{ch}
 the Spanish became most of her out. she spoke of Gaud from 3 Gunns, but w^{ch} she
 was as yett we know not for we came by
 her and sayed her but she would not
 Land found. she spoke: at 6 o' clock we saw the
 Donorife. it bore NW of us. so it was a
 frost gale and we shortened sail all
 night the wind at NE. & constant.

23^o In the morning at 4 o' clock we saw
 the Grand Danavia. the most point bore
 WNW of us and the South most point bore
 SW of us, so we sailed to the day noon 42
 S w^{ch} the variation allowed w^{ch} was 3 degrees
 of 20 m. beinge now by observation in the Lat
 of 27 & 25 m, the wind at NE. sayre weather
 and a frost gale.

Lat. 27. 25

32
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24^e / 1632. To this day noon we sailed by the Logge
SSW 50 leagues w^{ch} the wind at NNE
a very fresh gale, the compass varied
4 degrees to the point westward so the
true course w^{ch} the variation allowed
is SSW $\frac{1}{4}$ W 53 leagues being by obser-
vation in the Latitude of 25 & 5 m.

25^e To this day noon we sailed by the Logge
SSW 46 leagues w^{ch} the wind at NNE a very
fresh gale & compass varied 4 degrees to
the point westward so the true course w^{ch}
the variation allowed is SSW $\frac{1}{4}$ W 46 leagues
being by observation in the Latitude of
23 & 7 m. Days weather. wind constant

26^e To this day noon we sailed by the Logge
SSW 40 leagues. the wind at NNE a very
fresh gale & compass varied 4 degrees. So
the true course w^{ch} the variation allowed is
SSW $\frac{1}{4}$ W 40 leagues being by observation
in the Latitude of 20 & 45. & observation was
found to be having in good shadow: was
Days Abando E & by S of us: 20 leagues obs.

27^e To this day noon we sailed by the Logge
SSW $\frac{1}{2}$ W 56 leagues: the wind at NNE a very
fresh wind, the compass varied 4 degrees
so the true course w^{ch} the variation allowed
is S & by W 56 leagues being by observation
in the Latitude of 10. 1. m. this day I
saw the my watch upon my plate: a
little before noon we broke the mizzen
cross-jaube - yare, Days weather fresh wind

April 18 20th To this day noon we sailed by Logge S. & 48 leagues the wind at N. a fresh Gale, the compass varied 4 degrees. So the true course by the variation allowed is S $\frac{1}{2}$ W. by N. we should have no observation being almost under the Sunne, but somewhat to the Nward of us. Sayre weather, & very hazy. yet but it is always hazy and hazy weather near the Sunne, & the next day Sunne the more hazy.

~~Lat. 16. 46.~~
~~Lon. 11. 37.~~
~~Lat. 12. 00.~~

Sunday 29th To this day noon we sailed by Logge S. & S & by W. & S $\frac{1}{2}$ E. 41 leagues. but the true course by the variation allowed is S & by W. 40 leagues. about 10 of the clock it grew little wind, & sayre weather, we were at yet so next the Sunne fall we could not trust our observation. I Captaynt went aboard the Argos to the Sth.

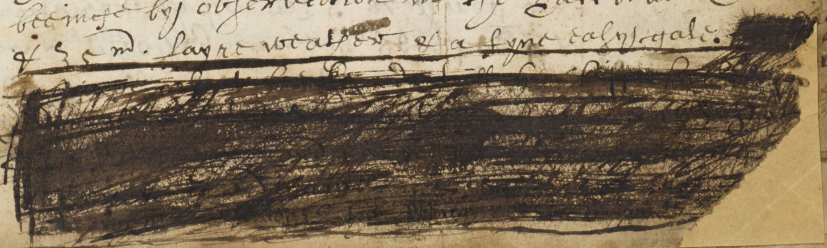
~~Lat. 14. 49.~~
~~Lon. 11. 37.~~
~~Lat. 12. 10.~~

30th To this day noon we sailed by Logge 30 leagues & 1 mile the course S & by E & SSE, the wind at N. & NNW. a fyne gale. the compass varied 4 degrees so the true course by the variation allowed is S & by E. a little easterly being by observation in the latitude of 12. and 30. the sun to the Nward of us. yet observation we could not trust being yet so under the sunne, but by imagination and were in the latitude of 12. at 50. Sayre weather.

~~Lat. 12. 50.~~
~~Lon. 11. 37.~~
~~Lat. 12. 00.~~

May 1st 1632. To this day noon we sailed by Logge 42 leagues & a mile, S & by E & SSE. the compass varied almost 4 degrees, so the true course by the variation allowed is S & by E 42 leagues. being by observation in the latitude of 10 & 30. Sayre weather & a fyne gale.

~~Lat. 11. 11.~~
~~Lat. 10. 35.~~
~~Lon. 11. 37.~~



May 28
1632. To this day noon we sailed by the Logge 20
leagues & 2 miles. the wind SSE by the Comp
the wind all NNW and NW. sayre weather
and litle wind: beinge by observation
in the Latitude of 9. & 35th. so the true
Course wth the variation allowed by
the Difference of Latitude is SE by E 20
leagues & 1 mile.

36 To this day noon we sailed by the Logge 10
leagues and a mile SE by E by the Compasse
the wind all NNW. & NW. & some times all
W. sayre weather and litle wind but the
true Course wth the variation allowed, and by
the Difference of Latitude is S. 20 leagues
and a mile beinge by observation in the
Latitude of 11. & 35th. 20 dayes past
went all aboard the Dolphin, to dinner.

49 To this day we sailed by the Logge 25 leagues
SE by E by the Compasse. the wind all NNW
& NW. sayre weather. but the true course wth the
variation allowed is S $\frac{1}{2}$ E by E. 25 leagues.
The Sunne began to be slender after dinner
a storme so that we had no observation
and it looked very darkly in the SE, and the
the wind came to the E & by N. & E: and
seemed to grow foule weather, but we got
we had but a reasonable Gale. feared
a Turnado. but afterwards it proved calme.

54 To this day noon we sailed by the Logge 10 leagues
SE by E by the Compasse the wind came to
the NNW against litle wind & calme. so the
true course is S $\frac{1}{2}$ E wth the variation allowed wth
the Difference beinge by observation in the
Latitude of 7 degrees, sayre weather & calme.

~~1632.~~
 1632.
 Sunday.
 wind N by W.
 Satt. 6. 17.
~~on. 14. 40.~~
~~on. 10. 40.~~
 Bar: Compasse
 2. 62
 To first day noon we had very little wind
 but soon so much as would give the ship passage
 way and some by me calm. but by difference
 of Latitude we sailed and drove by a
 current 43 my miles by current did get
 to the Southward between S & S by E, &
 Captaine to try wry way for current did
 lett. about 2. Gollinott by a lead & 2
 fynes. wry beinge beered out the boat
 did ride at it yet had been at an anchor
 and then 2 of the men heaved the anchor
 overboard wry drove very fast from the boat
 to the S. & S by E. wry did make it playne
 that there was a current: we then the
 Captaine came aboard and gave us a good
 and ~~the~~

To first day noon we had little or no wind, very
 hot & calm weather about noon we were brought
 to have observed the Sunne it grew very
 cloudy and afterwards it gave a gust by
 dayne and afterwards calm againe

To first day noon we sailed by the Logge 46 miles
 by E by E winds variable at NW. NE. & E. & SSE. &
 sometimes calm. we had much dayne, squalls
 and lightninge. at 11 of the clocke the
 wind came to be SSE. & E. a
 fresh gale. beinge cloudy till midnight
 had no observation.

Turned to
 Satt. 5. 33
~~on. 14. 40.~~
 Long. 10. 30.

To first day noon we sailed by the Logge in leagues &
 a myle: the double. S by E. 20 myles: SSW. 11 myles:
 SW & by W. 10 myles: & W. 10 myles: so the true course
 by Plano. is SW & by S. 40 myles or. 13 leagues
 & a myle. the wind variable, very much day
 and extreme lightninge the weather beinge
 and haze, we had no observation. The
 Captaine went aboard the Hart to dinner

10th / 1632. To this day noon we sailed by the Logge 17 miles:
 Lat. 4. 47
 Lon. 15. 17
 To. 10. 30
 The course S & by E 10 miles. & S & by E 7 miles.
 & SW & by S. 2 miles. So the true course by Plano.
 is: S & by S. 15 miles. The wind variable.
 very much & layne & gusts. Some by under &
 very much lightning. The weather is by
 & cloudy that we had no observation. /

11th / To this day noon we sailed by the Logge
 Lat. 4. 35
 Lon. 15. 30
 To. 10. 30
 44 miles. The course S. 20 miles. & S & by E
 16 miles. & WSW 8 miles so the true
 course by plano. is S ~~10~~ 12 leagues. we
 had extraordinary laynes. Turbadois gusts
 & calms. but no by under & little lightning
 The sky so full of layne, that we had no
 could have no observation. The wind variable.

12th / To this day noon we sailed by the Logge 25
 Lat. 3. 26
 Lon. 10. 0
 leagues. The course S. 14 miles. S & by E. 42
 miles. & SSE. 17 miles. So the true course
 by Plano. is by the sea ward way allowed is
 24 $\frac{1}{3}$ leagues. S & by E $\frac{1}{2}$ E by S. The wind very
 variable, most commonly a gress Gale at
 SW. SW & by S. & W. extraordinary laynes.
 but no by under nor lightning, the sea full
 of fish. The weather so full of layne that
 we could have no observation that some
 laynes not appeared by 3 dayes. /

Sunday 13th / To this day noon we sailed by the Logge
 Lat. 1. 15
 Lon. 10. 0
 30 ~~miles~~ ^{leagues} the course S. 7 ~~miles~~ ^{leagues}. S & by E 16 ~~miles~~ ^{leagues}
 & SSE 15 ~~miles~~ ^{leagues}. So the true course by Plano.
 is ~~50~~ ⁵⁰ 44 leagues. The
 wind variable much layne by the soft by
 winds from indigent saynt weather and dry.
 The sun bright by shining by ob =

Observation in the Latitude of 17. 15 N.
 Hazy weather at noon & little wind.
 We sailed at 4 of the clock in the morning after
 the signal for the rest of the flock not from
 us went after no 9 or 10 miles so we bore
 little sail till they came by us.

14th. To this day went we sailed by the Logge 47 miles
 & a half for courses S. 6. miles. SSE. 12 miles.
 SSE. 10 miles. SE by S. 15. miles. & SSE 4 miles.
 So the true course will be towards way allowed
 is SE 46 miles. The wind variable most commonly
 a stiff gale sometimes stormy w/ spray &
 John Gutierrez son of Palma was wear by observation in the
 latitude of 26 my minutes but we had no good
 shadows & therefore could not trust it
 we for came aboard after round the Charles Ship

15th. To this none we sailed by the Logge 42 miles
 SE by S w/ the sea ward way allowed being by
 observation in the latitude of 4 my minutes w/
 16 my in 7 minutes of the Equinoctial. Some
 rays at night some of Palma son was
 says weather and an eagle. This day
 over higher upon bayes of the ship to look
 low for water rations. ~~...~~

16th. To this day went we sailed by the Logge
 69 miles for courses SSE. 12 miles & a half
 SE by S 15 miles. & SE. 16 miles. but the true
 course w/ the sea ward way allowed is
 SE 23 leagues. The wind S by S. & SSW. we
 had 2 or 3 stormy showers: very little rain
 after the showers. We had no observation
 the suns being fallen when the glass was
 wear out. Hazy weather for the most pt

17th To this day noon we sailed by the Logge 3 1/2
miles by our Log: SSE. 5 1/2 miles: & SW 8 1/2
29 miles. wth the Sower way allowed, so by
true course by y^e Plan: is SW. 9 leagues: by
wind at S. & SSE: little wind, some showers
& sometyms Calm. In the morning the Swallow
was aboard as farre as ever we could see
try her upon the Deck: so we bore to her.

18th To this day noon we sailed by the Logge 50 miles.
by our Log: SSE. 5 miles: & SE 3 1/4 miles,
& SE 1/2. 6 miles: & SE by N. 4 miles, & SW & by N. 14
miles, & W. 16 miles: so the true course by Plan
wth the Sower way allowed is SW. 10 leagues.
The wind very variable, very harde gusts and
much Rayne wth stormy weather sometyms fayre
weather & some Calms: The Charles went
hor shallop aboard the Swallow to see wth she
wanted that she could not keepe us company f^{or}
finge she had boord keepe the Logge wth not
beare sayle. but it was not for she could not
beare sayle by reason of her Drunked fiddlers.
We had no observation the weather being
gyrre & stormy.

19th To this day noon we sailed by the Logge 50 miles.
by our Log: S. 15 miles: & a halfe: & SE by E 15 miles
& a halfe SSE. 8 miles: SE. 2 miles: SE by N. 5 miles
& SW. 4 miles. So the true course by y^e Plan is:
SE by E. 16 leagues: beinge by observation in the
Latitude of 20: 5 N. souly Latitude, the wind
variable, very much Rayne wth Turnados. & stormy
weather, sometyms Calm: and some fayre weather.

20th To this day noon we sailed by the Logge 21 miles.
by our Log: SSE. 3 miles: SW by S. 7 1/2 SW by W. 7 1/2
& SW. 3. So the true course wth the variation
and Sower way allowed is SW & W. 20 miles
the wind variable for the most pt at SSE: some
showrs at night & Calms: The Captayn went
aboard the Charles to the forenoon.

L.O.R.

May 21st 1632. To this day noon wee sayled by the ¹¹ Logge 10 myles
 the Souther SW by S 8 myles & SW. 3 myles. & the wind
 upon a howly no: att mid night the wind came
 to N & NNW. a fynt gale so wee sayled SW by
 29 myles: so the true course by Plano is
 SSW. 39 myles. Sayre weather no way no: beeing
 by observation in the Latitude of 2. & 57ⁿ
 Captayn Woodall came aboard & shipp to dinner

22nd. To this day noon wee sayled by the Logge 30
 leagues S. & S¹/₂ W. but the true course by the
 variation allowed & by the different of Latitude
 is S & by W. 33 leagues: the Com. was 5th & 7th
 the wind att EN. E. & E & by S. a fresh gale
 beeing by observation in the Latitude of 4ⁿ
 & 34ⁿ Sayre weather no way no: feare was
 a feare aboard the Swallow, but the Capt. went not aboard

23rd. To this day noon wee sayled by the Logge 35 myles
 the Souther S. 41 myles & SW by N. 11 myles. S¹/₂ W
 26 myles. SW by W. 3 myles. & W by S. 14. But the
 true course by Plano by the variation & the
 wares way allowed is SSW. 20 leagues & ¹/₃.
 the wind att E. & E & by S. a fresh wind, good
 of Sayre & gusts: the weather broke & misty.
 So that we had no observation. Yesterday
 about one of the clocke wee spied a sayle ad
 farre to leeward as wee could see her upon the
 decke, so wee bore up to her: shee was a flamm
 bound to the Cape, a bigge ship: but ¹²⁰⁰ ^{turnes} ³⁰⁰ ^{miles} ^{long}
 about 6 of the clocke shee haled up all her sayles
 and streate her top sayles upon the dapp: &
 fell asterno, and by 10 of the clocke shee was
 out of sight: so I suppose she desires not to
 The Swallow bore her stars top mast
 by the board, short
 of the dapp.

24th. To this day noon wee sayled by the Logge 73
 myles S. & 20 myles S & by W. but the true course
 by the variation and the leeward way allowed
 is SW 34 leagues the wind att SSE: a fresh
 gale cleare weather no way no: beeing by
 observation in the Latitude of 7. & 33. and

May 25th 1632
 To this day went not fayled by the Logge 04 myles
 the courses. S $\frac{1}{2}$ W: 7 $\frac{1}{2}$ myles. S by W. 30. myles. SSW
 43 myles & SW & by N 4 myles So the true course by
 y^e plane is S & by N. $\frac{2}{3}$ westerly: 02 myles. but by
 the variation & the leeward way allowed the
 true course is SW & by S: 27 leagues & a myle.
 the winds at SE & by E: & SE: fayre weather wth a
 fyne loome-gale: beinge by observation in the
 Latitude of 0: and 46th South Latitude.

26th
 To this day went not fayled by the Logge 79 myles
 the courses. S by W. 52 $\frac{1}{2}$ myles. SSW. 11 $\frac{1}{2}$ myles. &
 SW 11 myles. So the true course by y^e plane is S & by W
 $\frac{2}{3}$ westerly, but by the variation and leeward
 way allowed the course is SW & by S. 26
 leagues, but by the difference of Latitude 20
 leagues. beinge by observation in the Latitude
 of 9th & 59th. the winds at SE & by E. Don't stand
 a fresh gale fayre weather. not lifted up
 parts of the out of houle to ayre: the Swallow
 took a haufow from the Charles and was towed
 & captayne went aboard the Charles to dine.

Sunday 27th
 To this day went not fayled by the Logge 109 myles.
 the courses S. 10 myles. SW. 60 myles & SW. $\frac{1}{2}$ W: 31.
 So the true course by y^e plane is SW $\frac{1}{2}$ W 100 myles:
 but by the variation and leeward allowed
 & by the difference of Latitude the true course
 is SW by S 30 $\frac{1}{2}$ leagues beinge by observation in
 the Latitude of 11th 25th. the winds at E: a
 fresh gale & some gusts: wth some drops of Raine
 the Charles took the Swallow & would not touch.

28th
 To this day went not fayled by the Logge 103
 myles the courses S. 60 myles & SW 43, So the
 course by plane is S $\frac{1}{2}$ W: 34 $\frac{1}{2}$ leagues but by the
 variation & leeward way allowed and by the
 difference of Latitude the true course is
 SSW: 34 $\frac{1}{2}$. the winds at E by S: & ESE: a very
 fresh gale, most of the night had gusts.
 the Swallow took the Charles & was towed
 topmast but for the true course was the same.

May 29th 1632. Co this day went wee sayled by the ¹³ ~~Logg~~ 90 myles
 the courses: S. 10. myles: S $\frac{1}{2}$ W. 34 myles & S by W.
 54 myles: so the course by y^e Plano: S $\frac{2}{3}$ W by: 32 $\frac{2}{3}$
 leagues, but w^y the variation & Leeward way
 allowed the true course is SSW: & by the differ-
 ence of Latitude the leagues sayled are SSW
 34 leagues: the wind at ESE: a fresh gale.
 betime by observation in the Latitude of
 14th & 32nd: wee had some gusts w^y drops of Rain
 30th. Co this day went wee sayled by the ~~Logg~~ 105
 myles, the courses S. 23. myles, and S $\frac{1}{2}$ E: 49 myles
 & S by E: 33 myles: so the course by y^e Plano is
 S $\frac{1}{2}$ E: 35 leagues, but w^y the variation and
 leeward way allowed and by the difference of
 Latitude the true course is S by W: 33 leagues
 betime by observation in the Latitude of 16
 & 12nd: the wind at ESE & ESE constant
 a fresh gale and steady staye w^y a good
 displayment went aboard the ~~Logg~~ Charles &c.
 31st. Co this day went wee sayled by the ~~Logg~~ 90 $\frac{1}{2}$
 myles, the courses, S: 26 myles: S $\frac{1}{2}$ E: 22 $\frac{1}{2}$ myles
 S by E: 35 $\frac{1}{2}$ myles & S by W. 6 $\frac{1}{2}$: so the course
 by y^e Plano is S $\frac{1}{2}$ E 29 $\frac{2}{3}$ leagues, but w^y the vari-
 ation & Leeward way allowed the true course is
 S by W 29 leagues, but by the difference of
 Latitude 27 $\frac{2}{3}$ leagues: betime by observation in
 the Latitude of 17th 32 mynutes: the wind at
 E. & E by S & ESE: a fresh gale, many
 gusts w^y little staye w^y foam: for the most part
 sayle w^y a good: wee strooke of gums in the waste
 into the ~~Logg~~ in the half-way ~ ~ ~ ~ ~
 25. 19.

June 1st
at 1632

Lat. 19.20

Lon. 13.50

Bar. 30.10.40

To first day noon we sayles by the Logge 36 $\frac{1}{3}$ leauges SE by E: but w^{ch} by variation and Leeward way allowed, the Leeward becoms very little the true course is S: 36 leauges. the wind at ENE & E: a few ff gales some gusts & some fioners of Hayne, we had no observation with becoms gully & byrke. Captayn & Capt. Widdall went aboard the Esart.

29

Bar. 30.10.45

Lat. 20.44

Lon. 13.32

To first day noon we sayles by the Logge 31 leauges SSE: but w^{ch} by variation, and Leeward way allowed becoms very little. the true course is SE by E 31 leauges. the wind at ENE some dayns w^{ch} gusts of wind w^{ch} it: becoms by observation in the Latitude of 20. 44. n. but so by the difference of Latitude the leauges sayles are but 29 leauges. Hayne w^{ch} after the summerers dynd aboard the Esart.

Sunday
30

Bar. 30.11.16

Lat. 21.31. n

Lon. 13.32

To first day noon we sayles by the Logge 50 myles, the courses S. 4 myles. SSE 5 myles. SSE 36 myles, & about mid night the wind comes to the SSE, & we sayles SW by W 5 myles, at 4 of the clock the wind came to SE by S agayne as it was before, so the course sayles by Plan is ~~SSE~~ SE by E $\frac{1}{4}$ E. but w^{ch} by variation & Leeward way allowed, & by the difference of Latitude the true course is S $\frac{2}{3}$ leauges, becoms by observation in the latitude of 21. 31. n. Hayne w^{ch} after: and little wind sometimes Calme.

31

Bar. 30.10.10

To first day noon we sayles by the Logge 55 myles the courses SSE 25. & SSE. 30 myles. so the course by Plan is SE $\frac{1}{2}$ E. 40 leauges. but w^{ch} by variation & by the difference of Latitude the

Junij 08 To this day noon we sayled by the Logge 126
1632. Myles. the courses SE: 17. SE ½ S. 79. & SE ½ S.

Lat. 26. 30. for the true course by plane is SE ½ S 42 leagues
Lon: 10. 36. But wth the variation allowed the true course
is SE by S ½ S. 42 leagues the winds all NE & N

NE. & N. sayet weather and a fresh wind =
Var: 00. 12. about 11 of the stroke we had a shower of Rayne
and the sky grew stony so we had no ob-
servation for some time or rather // 11

9th To this day noon we sayled by the Logge
154 myles. the courses SSE. 10 myles. SE ½ E. ob-
SE 30. & SE 21. for the course by plane is
153. myles SE ½ S. but wth the variation allowed

the true course is SE ½ S. 51. leagues, being
for also by the difference of Latitude, w^{ch}
Lat: 20. 15 by observation was 20. 15. the winds all
Lon: 00. 48 NNW. & NW. a fresh gale: no rayne:
01. 41.

the day precedent in the afternoon about
Var: 00. 13. 30. 3 of the stroke we saw the sayle rise on
peade of us & made all the sayle we could
after the m. sometyms theire top sayles were
shooke & sometyms aloft but they sayne not
for us. & in the evening we could not see the
Darks hidde by the ayre

Note that when you come in the latitude of 26. degrees
and have 13 degrees or 13 and odd, so long as you
make but a SE way you shall not alter your course

Sunday:
10th

To this day noon we sayled by the Logge 52
leagues SE ½ E. w^{ch} the winds all NW. but wth the
Var: 00. 13. 30. variation allowed & by the difference of Latitude
the true course is SE ½ S 51 leagues, being

Lat: 30. 10. by observation in the Latitude of 30. & 10. w
Lon: 06. 50. we had a fresh gale, and about 9 of the stroke
sayned 2 showers: the weather thick & hazy.

Note that when you come in the Latitude of 31st if you sayle E. or EBS. every 30 Leagues you do stand you lessen a degree of variation &c.

Friday 16th 1632. To this day noon we sayled by the Logge 165 = myles for the purpose. EBS = 26 myles. E. 55. & EBN 54. so the course by plane is E $\frac{1}{2}$ N 54 Leagues. but w^{ch} the variation allowed for true course is East: of observation was not very good, but was made by same to be in 32. & 52. wherefore I suppose we made a way more N. & early, by reason of y^e passage, for the wind was at us westerly. & in 45 a terrible gale w^{ch} very hard gusts & small layne. we brought to a new forecable & may sayled & took down a top gallant mast.

16th To this day noon we sayled by the Logge 56 $\frac{1}{3}$ = Leagues. East, but w^{ch} the variation allowed and by the difference of Latitude the true course is East $\frac{1}{2}$ South 56 Leagues. because by observation in the Latitude of 33. & 4. the wind at us by S. a very fresh gale w^{ch} hard gusts & layne w^{ch} the gusts. some Lightninge. 11.11.

Sunday 17th To this day noon we sayled by the Logge 143 = myles. for the course East 49 myles & EBS. 94 myles. so the course by plane is E $\frac{2}{3}$ South 47 $\frac{2}{3}$ Leagues. but for Southward Sea counte maylinge for variation it is for true course because by observation in the Latitude of 33. & 17. the wind at us w^{ch} SW. a fresh gale w^{ch} some gusts & small layne w^{ch} the sun

17th To this day noon we sayled by the Logge 124 = myles for the course. EBS. 37. & ESE 64. & SE 64. 23. so the course by plane is ESE a little E 41. Leagues. but w^{ch} Southward Sea w^{ch} was more then the variation makinge at most a waynt Dec ward way for true course is E & by S. the wind at SW. & SW & BS. some times a very fresh gale & sometyms but little wind. we had no observation nor Amplitude. of Dayntay no was not aboard the Garland to Dumber. 11.11 = 11.11 = 11.11 = 11.11

19
 June 19th 1632. To this day noon wee sayled by the *Soggo* 50 myles
 SSE: the winds att w. & SSW: so that the southerly
 sea makinge a goodly leeward way & the varia-
 tion beinge but about a degree. the true course
 is $E\ S\ \frac{1}{2}\ S$: 16 $\frac{2}{3}$ leagues: fayre weather & litle
 wind and sometymes calme, but the weather
 growes cloudy: so that wee had no observation.
 Daylaine Waddell & the other sayt: came aboard
 the ship to dymoe.

20th
 To this day noon wee sayled by the *Soggo* 123
 myles: the courses $E\ S$: 70. $E\ S\ \frac{1}{2}\ S$ 30. & $E\ S\ E$: 23.
 so the course by the plan is $E\ S\ \frac{1}{3}\ S$: but by the
 variation allowed the true course is $E\ S\ \frac{1}{2}\ S$ 40
 leagues: the winds variable, att N. NW: & W & SW.
 fayre weather a fressh gale wth no day no, wee had
 no observation the beinge by observation in
 the Latitude of 34. & 36. m. =// =// =// =//

21st
 To this day noon wee sayled by the *Soggo* 121 =
 myles the courses E : 19. $E\ S$: 75. & $E\ S\ E$: 27. so
 the course by the plan is $E\ S$ a litle S: & and the
 the variation allowed $E\ S\ \frac{1}{4}\ S$: by. but the
 southerly sea counterwaylinge more then the
 variation the true course is $E\ S$: a litle E : by
 40 leagues: beinge by observation in the La-
 titude of 34. 50: the winds variable all
 WNW: and SSW: one hard gust wth a greate
 shewe of dayne when the wind came southerly
 after wards calme & then the wind att NW:

22nd
 To this day noon wee sayled by the *Soggo* 45 =
 leagues East the winds att NNW but a southerly
 sea wth counterwayled the variation and by the
 difference of Latitude it is the true course
 beinge by observation in the Latitude of
 34 & 54. fayre weather and a fressh gale
 no dayne nor gusts: wee spoke wth the old =
 myrall, who now detour myners to see wth any
 East & $E\ S\ N$: the winds beinge all Northerly.

June 1632.
 20th To this day noont we sayled by the Schooge 153 myles
 the courses, SSE: 9. SSE: 27. SE: 27. SSE: 22. & EBS S: &
 EBN 30: so the course by y^e Plan is SSE $\frac{1}{2}$ S 40 $\frac{1}{2}$ leagues:
 but w^y the variation allowed SSE $\frac{1}{4}$ S beinge by
 Imagination in the Latitude of 35-30: the winds
 at WNW & NW: a fresh gale the weather hazy
 & hazy that we had no observation.
 Lat: 35. 30.
 Lon: -02. 20.
 East: br. from the
 Days of good hope.

29th To this day noont we sayled by the Schooge 140 myles:
 the courses: E: 114: EBS: & EBN: 29: so the course by y^e Plan
 is E: $\frac{1}{3}$ N 49 leagues: but w^y the variation allowed
 the true course is EBN: 49 leagues: beinge by obser-
 vation in the Latitude of 34 & 52: this morninge
 we saw the Land awayne beinge by Imagination
 about 16 or 17 leagues off: the winds was variable all
 WNW: W: WSW: NW: & WNW: all the first part of the day
 and some small dayne in the second part: we heard
 the sound of the ground at 70. fathoms but the
 lead would bringe up nothinge w^y it: twice heard

30th To this day noont we sayled by the Schooge 154 myles:
 the courses E: 70. E $\frac{1}{2}$ S: 53. & 31. EBS: so the course by y^e Plan is
 E $\frac{1}{3}$ S. 51 leagues, but w^y the variation allowed the true
 course is E $\frac{1}{2}$ N 51 leagues: beinge by observation in the
 Latitude of 34 & 44: the winds all W: & WNW: some
 gusts & some small dayne, constantly a fresh gale:

July
 1st To this day noont we sayled by the Schooge E: 50 $\frac{2}{3}$
 leagues, but w^y the variation allowed the true course
 is E $\frac{2}{3}$ N: the winds all WNW: W: & WSW: a fresh
 winds w^y many hard gusts & 4 or 5 hours dayne
 we had no observation it beinge gusty at noont.

2nd To this day noont we sayled by the Schooge 155 myles
 the courses: E: 12. E $\frac{1}{2}$ N: 49. & EBN 40: so the course
 by y^e Plan is EBN 4 degrees ~~beinge~~, but w^y the vari-
 ation allowed the true course is ENE 4 degrees
 Easterly beinge by observation in the Latitude
 of 33 & 19: the sunne was hidden about noont
 that we could not trust the observation, the wind
 all WSW: SW: & W: some gusts & dayne w^y it.

July 13^y
1632. To this day noon we sailed by the Logge 97
miles. the courses EBN. 63: & ENNE. 34 so the
course by Plano is EBN $\frac{1}{3}$ N. 32 $\frac{1}{3}$ leagues. but
Var. Co. 12^d
Lon. 13. 20
Lat. 32. 30.
Lon. 16. 32^o
the variation allowed the true course
is ENN $\frac{1}{3}$ N 35 leagues. beinge by observation
in the Latitude of 32. 30. the wind, all N.
NW. & N. sayre weather of an easy gale: only
a great SW Sea: we got by the top gall: miff.

4^y. To this day noon we sailed by the Logge 94 miles
the courses EBN. 13. ENN $\frac{1}{2}$ E. 30. ENN. 23. NEBE. 11. & N.
E & BN 17. so the course by Plano is ENN. 30. N. 24^y
but the variation allowed the true course
is ~~ENE. 30~~ ^{NEBE. 11. N. 24} leagues: beinge by observation in
the Latitude of 31. & 40: but by observation we
could not trust to the sume beinge cloudy and so
was fallen before we could see her againe. the
wind all N & NNW sayre weather, w^{ch} a fine gale.

5^y. To this day noon we sailed by the Logge 51 miles
the courses NEBN 15. & NE. 36. so the course by
Plano is NE. 30. N. 17 leagues. but the variation
allowed the true course is NEBN. 5 degrees N. by
beinge by observation in the Latitude of 31. &
& 40. the wind all WSW. W. & NW. sayre weather
and little wind. I sayt went aboard the Logge
to a consultation, & all the other commended.

6^y. To this day noon we sailed by the Logge 129 miles
the courses ENN. 00. & NEBE. 49. so the course by Plano
is ENN $\frac{1}{3}$ N. but the variation allowed, and by the
difference of Latitude the true course is NE. 43
leagues. beinge by observation in the Latitude of
29. & 33. the wind all SW: sayre weather only a
fresh gale most commonly somewhat less. wind.

7^y. To this day noon we sailed by the Logge 60 miles
the courses ENN. 40. & NE. 7. & NEBE. 5: so the course
by Plano is NEBE $\frac{1}{2}$ E: but the variation allowed
and by the difference of Latitude the true course
is NEBN, beinge by observation in the Latitude of
20. & 43. the wind all SSE a gale, the true

to 97
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4 miles
11. & N
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- 5 miles
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of 31. d
- not
of the
we:
9 miles
by the
as by the
16: 43
itude of
only a
windy
10 miles
of the
allow
rouge
side of
the

15
wind tame to Ebs. E. & ENE little wind & calm
all way time we lay w^g of fuylos a bark stayed. we
had no Amplitude or in^g nor more in^g. *Logge*
at 500.

109. Do this day noon we sayled by the Logge 49
Myles: the courses SE. 16. SE. 12. 11. SE. 6. 5. then we
Var: Co: 15. 39. tacked about and stood to the Norward, and sayled
N. 9. & N. 4. W. 0. miles: so the course by the Plane is
Ebs. 21 miles: or 7 leagues way by the difference
of Latitude is the true course: the Lee ward
way counterwayline the variation, bearing by
Observation in the Latitude of 20. & 57: the
wind all ENE & NE & E. sayed not for some value

110. Do this day noon we sayled by the Logge 39 miles
the courses SE. 6. SE. 16. SE. 6. SE. 2. & SE. 2.
then we tacked about & stood to the norward, &
Lat: 29. 15. sayled NE. N way 6 miles: so the course by the Plane is
Lon: 17. 40. SE. 1/3 S. 7 1/2 leagues: way is the true way, the Lee ward
way counterwayline the variation: the wind all
E. E. N. & ENE: & when we stood to the N. at 88:
sayed not for & little wind some calm: we had
no observation nor Amplitude, the sky & cloudy.

111. Do this day noon we sayled by the Logge 20 miles
the courses E. 2. Ebs. 14. ESE. 0. & NE. 6. so the course by
Var: Co: 16. 26. the Plane is E. 1/3 S. 27 miles, way is also the true course
Lon: - 10. 10. so that the 2 days the true course by the differ-
ence of Latitude is an ESE 1/2 S way 19 leagues
of a mile being by observation in the Latitude
of 29 & 35: the wind variable all SE: ESE: NNE: -
Lat: 29. 35. N. E. N. & NE: sayed not for little wind.

112. Do this day noon we sayled by the Logge 57 miles
the courses N. 10. N. W. 11. Ebs. 22. ESE: & E. 0. so the
Var: Co: 16. 44. true course portended by the variation & Lee ward
way allowed is. E. a little southerly 24 miles or
8 leagues bearing by observation in the latitude
of 29. & 37. difference 2 myles to the southerly
Lat: 29. 37. the wind variable all ENE: ESE: NNE & NE & E.
Lon: 22. 14. sayed not for & little wind this night
we lost the company of the 3 mallow.

July 12th. To this day noon was sayled by the Schooner 65 miles
 1632
 The courses E. 7. EBN 32. EBS 7. NNW. 4. NWN. 6. & NW.
 The true course by the Plane is ENE 50 degrees northerly 40
 miles but by the variation of the compass way
 allowed the true course is E. 13 $\frac{1}{2}$ leagues, but
 by the difference of Latitude to miles southerly
 being by observation in the latitude of 29
 & 39. The wind at NE. NNE. & NE. say so weakly
 sent not a fresh gale. about 11 of the clock
 we saw the swallows again and stood to her.

13th. To this day noon was sayled by the Schooner 30 miles
 The courses NW. 10. NNW. 2. & W. 2. E $\frac{1}{2}$ N. 11. & EBN 5.
 The true course by the variation of the compass way
 allowed is NW. & W. 12 miles. The wind at NNE. &
 NE. And at 4 of the clock in the morning the
 wind came to the SSW & SW by S. and was sayled
 NNE by the compass 12 $\frac{1}{2}$ leagues, but by the va-
 riation allowed the true course is N $\frac{1}{2}$ E. 12 $\frac{1}{3}$
 leagues. was had no observation for the sun
 appeared not all the day. Cloudy outside of small haze

14th. To this day noon was sayled by the Schooner 140
 miles. The courses NEBN 115. & NEBN $\frac{1}{2}$ N 25.
 But by the variation allowed the true course
 is NE $\frac{1}{2}$ E. 46 $\frac{2}{3}$ leagues being by observation
 in the latitude of 26. & 47. The wind at S.
 SSW. & SW. a fresh gale few gusts of small haze

Sunday 15th. To this day noon was sayled by the Schooner 135 miles
 The courses NE. 6. NNE. 90. ENE. 5. NE. 5. & E. 34.
 The true course by the Plane is NE $\frac{1}{2}$ E. but by the va-
 riation allowed the true course is NEBN 129 miles
 or 43 $\frac{2}{3}$ leagues. being by observation in the Lat.
 of 24. 52. we obser. not could not trust to, the sun
 shined but seldom. The wind at S. & SSW a fresh
 gale was bore of mizen topmast by the board, and the
 Dolphin her fore top gallant mast. was gutt by the
 the mizen topmast presently.

La
4
4#
bar.
Land
17.
was
16.
G.S.M.
Lat

July 16th 1632. To this day 5 of the clock in the morning was fast 25
 66 miles, the course E. 20. & Ebs: 30: the course by
 y^e plane is E 1/2 S: but by the variation allowed the
 true course is Ebn 22 leagues. Upon noon saw the
 Land of St Lorenz: my boat got us some 6 leagues
 off the land was passed away Ebn 9 miles & ENE 3 miles
 & upon Nbr: 12 miles, all way marked by y^e plane a N E 1/2
 easterly way but by the variation allowed the true
 course is NEbn 3 leagues: Upon was the white sandy
 pebbles very smooth like a paper when you are
 upon it 12 leagues off of it: SSE off us some 5 leagues
 off: being by observation in the latitude of
 24: & 5 minutes: the wind at SW. & SSW: upon
 the gale some gales very some small rays very

Lat: 24. 5.
 Lon: 22. 41

17th: To this day noon was fast NNE by the compass 3
 leagues, and all night was fast 3 glasses off
 of 3 in till break of day upon was passed
 Lat: 23. 30.
 Lon: 22. 53 NNE: again by the compass and all night was
 word the front of the islands the wind being
 now landward at ESE, but all night at SEBS, SE:
 all this afternoon was turned to get into the woods
 the wind being at SE & SEBS: and about 5 of the
 clock was came to an anchor in 23 fathoms
 and 2 cables being toward out was had 37
 fathoms aforesaid: so was had on more all night.

18th: we rigged & dunnage and by the Brazz was
 4th flower 8. SW: found by a fore top sail into the road, having
 15 or 16 fathoms: the best morning is SE: & NW.

Lat: D 50.

Note that upon you come into Augustino bay you may well
 come upon 12 fathoms of the island & when you are
 past the island come not within 12 fathoms of the
 shore there is a shoal by the out when you are past
 the island a great way off the shore but there is 5
 fathoms upon it but if you keep in 12 fathoms
 you may go in boldly: & beware of going to far to
 the Nward for there is very deep water there is
 no anchor in 8 or 9 in 3 miles of the south side there
 is a bar at 100. 150. & 200 fathoms. Lat: Bar.

var: 50: upon the
 Lands by observation
 17. degrees was
 was formerly but
 16. 20: the most
 had not the
 Lat: 23. 20.

Augusty. wee rigged 2 Ankers at 4 of the clock in the morning
 and set sail about break of day: we stood out of
 the Cape wnw. ^{& compass} and about 10 of the clock the breeze
 came in, so wee turned to windward till 4 of the
 clock in the afternoon and it grew very little
 wind so wee came to an Anker midway betwixt
 the Cape & the Islands in 20 fathoms: our ground.

29th. In the morning about 3 of the clock wee rigged
 2 Ankers: & set sail and steered away wnw. ^{& compass}
 wind at ESE, & EBS: a fresh gale: And at noon
 I judge that wee were some 10 leagues from the
 Bay: betwixt by observation in the Latitude
 of 23. & 36th, now little wind.

30th. To this day noon wee sailed by the Logge 119 miles
 the course NNW. 40. NW. 30. & N. 33. so the course
 by the plane is NW a little northerly. 39 leagues
 but by the variation allowed the true course
 is NNW $\frac{1}{2}$ wly the leagues sailed by the Logge
 course of Latitude are 36 $\frac{1}{3}$ leagues being
 by observation in the Latitude of 21. 54. the
 wind at S. & SSE. fair weather a fresh gale.

31st. To this day noon wee sailed by the Logge 137 miles
 var. Co: 18. 35: NNE: but by the variation allowed the true
 course is NE: 47 $\frac{2}{3}$ leagues: being by observa-
 tion in the Latitude of 19. 40. the wind
 at S. & SSE. fair weather a fresh gale.

Sunday: 1st. To this day wee sailed by the Logge 67 miles NNE
 var. Co: 15. 30 but by the variation allowed the true course
 is NE 22 leagues & $\frac{1}{3}$: I had no observation
 but by imagination wee were in the Latitude
 of 10. & 45. the wind at SSE & S. fair weather
 & very hot very little wind.

of 2 - 6th - the
 George Orange. To this day noon wee sailed by the Logge 20 miles
 3rd by a Burnings mat. course 17 NNE: & 11 NE & N. the course by the plane is NNE
 but by the variation allowed the true course is NNE
 9 leagues being by observation in the Latitude of
 10. & 26. the wind at S. & SSW. fair weather & gale
 from 8 of the clock till noon. & still calm

7th August
at 1632
Var: Co: 15.40
Lat: 10.24
Lon: 22.26

To this day noon was sailed by the Logge 20th miles
NE. & NNE: the wind at SSE: the most pt of this 24
hours Calms was found by the heading of the lead
& so looking the Barge eyes by it, how went a
strong Current to the NW: & by a difference of
Latitude it could be observed, being by obser-
vation in the Latitude of 10. & 24 so that the
true variation & Current was but a
west way: Saye weather & light winds

8th
Var: Co: 15.35
Lat: 10.17
Lon: 22.40

To this day noon was sailed by the Logge 33 miles
the courses N. 21. & E. 12: so the course by plane is
NNE $\frac{1}{2}$ E: but w^{ch} the variation & Current way allowed
and w^{ch} the Current the true course is 26 N.
24 miles: being by observation in the Latitude
of 10. 17. the wind variable betw^{en} the NE. &
the E: Saye weather and an easy gale

9th
Var: Co: 15.35
Lat: 17.39
Lon: 22.40

To this day noon was sailed by the Logge 44
miles the courses w^{ch} the variation and Current
way allowed are NW 10 miles & N by E 34 miles
so the true course by plane is N. 40 miles or 13 $\frac{1}{2}$
leagues: being by observation in the Latitude
of 17. 39. the wind variable at ENE. & E: at
4 of the clock in the morning the wind at S:
then was blown away NNE: & $\frac{1}{2}$ E: a fresh gale

10th
Var: Co: 14.20
Lat: 16.19
Lon: 23.40

To this day noon was sailed by the Logge 90 miles
the courses NNE: 56. NNE $\frac{1}{2}$ E: 26. & NEN or: so the
course by plane is NNE $\frac{1}{3}$ E: 30 leagues, but w^{ch}
the variation allowed the true course is NNE
27 leagues being by observation in the Latitude
of 16. 19: the wind at SSE. S. & SSW a fresh gale

11th
Var: Co: 14.20
Lat: 15.20
Lon: 23.40

To this day noon was sailed by the Logge
60 miles the courses NEN 20. N $\frac{1}{2}$ N. 9. w^{ch} the
wind at S: then the wind was red to the
SSE. & SE: & was sailed w^{ch} the true way allowed
NEN 31 miles the course by plane is NEN.
22 leagues & $\frac{1}{3}$: but w^{ch} the variation allowed the
true course is NNE $\frac{1}{4}$ N. being by observation in
the Latitude of 15. 20 Saye weather a fresh gale

12^g To this day noon we sailed by the logge
 30 myles to soules: N: 5: NNE: 5. NE & N.
 var: 15: 15. NE: 10: NE & E: 3: so the course by plan is
 NE & N, a little eby: but by the variation
 allowed the true course is NNE $\frac{1}{4}$ Nly: 17 leagues
 bearing by observation in the Latitude
 of 14: 39: says weather the winds at SSE: & SE: & ESE

13^g To this day noon we sailed by the logge
 33 myles the courses NE & E: 20. NE: 7. NE & N: 2.
 NE & E: 2. ENE: 3. so the course by plan is NNE $\frac{1}{2}$ E
 11 leagues but by the variation and leeward
 way allowed the true course is NNE: but by the
 difference of Latitude the leagues sailed are
 16: by the wind we had a great current
 & it set us to the NNE $\frac{1}{2}$ E supposed: bearing
 by observation in the Latitude of 13: & 50:
 says weather little wind at SE: ESE: & ENE
 & 4 hours Salme.

14^g To this day noon we sailed by the logge
 10 myles: the courses NE & E: 12: NE & N: 2: NE: 1: &
 A great current to the NNE
 N: 3: so the course by plan is NE: 16 myles, but
 by the variation allowed the true course is
 NNE $\frac{1}{2}$ E: & by the difference of Latitude the
 leagues sailed are 11 $\frac{1}{3}$ leagues bearing by
 observation in the Latitude of 13: 7: says
 weather & little wind at SE: ESE: & ENE:

15^g Yesterday at 7 of the clock in the afternoon we
 saw the Land was the Island Mokila: & it
 bore NNE of us: all this 24 hours we had little
 or no wind so that we went as the current drew
 us: in the morning we were within some 9 leagues
 of the Island having little wind at SSW: were
 bound & to red by of boats ~~NNE~~: NE & N by the course

16^g This 24 hours it was & almost constantly a lit-
 tle wind so that by noon we were within
 4 or 5 leagues of the Land still to wind by
 our boats on board: about 5 of the clock in
 afternoon we had a fine gale at the SW =

all a whole of saw
the Island Mokila.

This day we went
in our Barge to Johanna.

Mokila.

Logg
 V&N
 u 26
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 SW =

the 17th day we
 made sail for
 we could not find
 no water in blow so
 had to go wind SSE.
 we 10 days in blow
 exceeding hard, &
 the ship could not
 the ship. so we
 the ship of fayed to
 and steered between the mayne & the ledge
 of the isle in the midway of course N. E. & N. N. E.
 and so steered along the Glance N. W. N. till we
 were came into the fode, & about end of the
 clocke at night we came to anchor in 23 or
 24 fathoms. and had 38 fathoms a storme.
 19th of June. Our Barge came from Johanna from the great
 Joannes and all 7 of the clocke at night we
 weighed and stood over for Johanna: we stood
 26th till we brought the rocks w of us and
 then steered away East till morning.
 Sunday
 20th of June. We came to an anchor about sun set in the
 fode very light from the point of the Glance
 coming in SSE: we anchored in 23 fathoms
 and had about 15 fathoms a storme left by the shore.
 21st of June. This evening about 10 of the clocke we weighed &
 the fode very little wind of the shore and so
 stood off all night N. W. & N. N. W. the current
 set us north to the easternmost point: where we
 saw a small round light out of the country books.
 22nd of June. This day at noon the wind came to the fode
 the SSE: so we steered away N. E. & N. N. E. the
 easternmost point of the Glance beinge south
 of us about 3 leagues off at noon.
 Sunday
 23rd of June. Do this day noon we fayed by the Logge
 30 miles N. E. but by the variation allowed
 the true course is N. E. 3/4 N. 12 3/4 leagues
 beinge by observation in the Latitude
 of 11. 5. the wind at 3. a small gale.
 24th of June. Do this day noon we had no wind at all beinge
 very calme & hott: so that only the current
 drew us to the westward. the North most end
 of Comoro beinge w & N. of us some 4 leagues
 off. Lat. 11. 2. by observation
 25th of June. Lat. 11. 2.

Augusty 28th Do this day noon was sayled by the Logge
at 16 32. 20 myles, NNE: 16. & NW & N 4 myles so the
true course w^{ch} the variation allowed & of
Current is N 17 myles because by observa-
tion in the Latitude of 10. 45. the
winds att E. SE. SSE. W. & SW. litle winds

Lat. 10. 45.
Lon. 24. 25

29th Do this day noon was sayled by the Logge 40
myles the course NEN. 22. NE. 5. & NE. 12.
Var. Co: 17. w. so the course by Plane is NEN 4. Ely. but w^{ch}
the variation allowed the true course is
Current to the NNE 13 leagues, the winds betwene the SW
of the SE. sayed water & litle winds yesterday
about 12 of the thirt we saw a very great
spout rise by the ship, & bore away from it
was had no observation the same some den^{ed}

Lat. 09. 40
Lon. 24. 40

30th Do this day noon was sayled by the Logge 55 myles
NE. by the Comp. but w^{ch} the variation allowed
the true course NEN 5. & N 10. w^{ch} 10 leagues
Current to the NE. 2 days we had a great current w^{ch}
we for whereas we have gone but 31 leagues
by imagination, by the difference of Latitude
we have run 51. leagues. because by obser-
vation in the Latitude of 0. 25. the winds
betwene the S. & the SE. a great

Lat. 0. 25.
Lon. 25. 34

31st Do this day noon was sayled by the Logge
Current: NE. 25 1/3 leagues NE. but w^{ch} the variation
allowed the true course is NEN. 4 & N 1/2
and by the difference of Latitude the leagues
sayled are 33: because by observation in
the Latitude of 6. 55. the winds att SE.

Lat. 6. 55.
Lon. 26. 25

Septembis. 1st Do this day noon was sayled by the Logge 26
at 16 32. leagues NE. & so: but w^{ch} the variation allowed
the true course is NEN 3 & N 1/2. And by the
difference of Latitude the leagues sayled
are 34: because by observation in the Latitude
of 5. 16. the winds att the SE. & SE. a great

Lat. 5. 16.
27. 19.
Long. 27. 3.

Logge
Septemb
Lat. 3. 43.
Lon. 20. 10

37
Lat. 1. 42
Lon. 20. 52

40
Var. Co. 16.
Lat. 0. 25
Lon. 29. 56

48
Lat. North. 01. 00.
Lon. 31. 04.

69
Lat. 02. 21.
Lon. 32. 10.

78
Var. Co. 16. 15
Lat. -03. 40.
Lon. -33. 20.

89
Lat. 07. 41.
Lon. 35. 50.

Current to N.E. 30 Leagues in the fore sayd 10 days.

Do this day noon was sayled by the *Logge* 36¹/₂ Leagues NE: p^o: but by the variation allowed the true course is NNE 1/2 E. with had no observation beinge by observation in the Latitude of 1. 42. the winds all S.E. a fresh gale. no gusts nor sayne all night the sea shewes wavy white

Do this day noon was sayled by the *Logge* 30²/₃ Leagues NE: p^o: but by the variation & leeward way allowed the true course is NNE 1/2 E. beinge by observation in the Latitude of 1. 42. the winds all S.E. a fresh gale. no gusts nor sayne

Do this day noon was sayled by the *Logge* 32²/₃ Leagues NE 1/2 E. p^o: but by the variation allowed the true course is NNE 1/2 E. beinge by observation in the Latitude off. 20 mynutes the winds all S. & Sw. constantly.

Do this day noon was sayled by the *Logge* 36 Leagues NE 1/2 E. p^o: but by the variation allowed the true course is NE 1/2 E. beinge under the Equinotiall the winds all S. & Sw. a fresh gale.

Do this day noon was sayled by the *Logge* 35²/₃ Leagues NE 1/2 E. p^o: but by the variation allowed the true course is NE 1/2 E. the winds all Sw.

Do this day noon was sayled by the *Logge* 37¹/₃ Leagues NE 1/2 E. p^o: but by the variation allowed the true course is NE 1/2 E. the winds all Sw. the sunne beinge in the Zenith we had no observation

Do this day noon was sayled by the *Logge* 47¹/₃ Leagues NE 1/2 E. p^o: but by the variation allowed the true course is NE 1/2 E. beinge by observation in the Latitude of 7. 41. So that the Leagues sayled since last observation are 107, beinge by the *Logge* but in 6. gaining a Current to the NE: the winds beinge all Sw.

Sunday: Septemb
 To this day none were sayled by the logge 141 myles
 the courses NE 47. & NE 94. & so the course
 by plan is NE $\frac{1}{3}$ Ely. but wth the variation
 allowed the true course is NE N-28 N. ly: 47 leagues
 But by the difference of Latitude 40 leagues
 beinge by observation in the Latitude of
 9. 43. the winds all SW: a f^{re} gale.

Latt: 9. 43.
 Lon: ~~33. 45.~~

10th: To this day none were sayled by the logge 34
 leagues NE & so: but wth the variation allowed
 the true course is NE $\frac{1}{2}$ E. And the leagues
 sayled by the difference of Latitude are but
 30. beinge by observation in the Lat: off
 11. 45. the winds all SW, now had we a current ^{tra} ~~to~~

Thomas Melnes dyed
 of a fault
 Latt: - 11. 5.
 Lon: ~~13. 30.~~
 37. 44

11th: To this day none were sayled by the logge 130
 myles the courses NE: 104. & NE N. 26. p. o.
 but wth the variation allowed the true course
 is NE $\frac{1}{3}$ E. 43. $\frac{1}{3}$ leagues, beinge by observation
 in the Latitude off 13. & 11. the winds all ^{tra} ~~to~~ WSW

Latt: - 13. 11.
 Lon: ~~14. 19.~~
 30. 92.

12th: To this day none were sayled by the logge 154 myles
 the courses p. o. NE $\frac{1}{2}$ E. 35. & NE N. 99. the
 course by plan is NE N 29 N. ly. but wth the va-
 riation allowed the true course is NE $\frac{1}{2}$ E. And
 by the difference of Latitude the leagues sayled
 are 51. beinge by observation in the Latitude
 of 15. & 39. the winds all the WSW: a f^{re} gale

Latt: - 15. 39.
 Lon: ~~15. 04.~~
 39. 17.

13th: To this day none were sayled by the logge 46 leagues
 NE N. & so: but wth the variation allowed the true
 course is NE $\frac{1}{2}$ E. And the leagues sayled by the
 difference of Latitude are 54, beinge by obser-
 vation in the Latitude of 10. & 14. the winds all
 WSW a f^{re} gale. Current along wth us.

Latt: - 10. 14.
 Lon: ~~14. 50.~~
 40. 04.

14th: To this day none were sayled by the logge 23 $\frac{1}{2}$ leagues
 NE N. & so: but wth the variation allowed the true
 course is NE $\frac{1}{2}$ E. and the leagues sayled by the
 difference of Latitude are 26. beinge by ob-
 servation in the Latitude of 19. & 30. the winds
 beinge all the WSW: from 6 a clock in the
 morning to noone calme and litle wind.

Latt: 19. 30.
 Lon: ~~16. 12.~~
 40. 29.

Current to the N.

Septemb^r 1632.
109^g.
Lat: 23. 46
Lon: ~~46. 06~~
40. 16.
In sight of
Land of Arabia

To this day noont wee sayled by the Logge 20 myles the courses N. & myles N.W. 9. & N.W. 11. so the course by the Plano is N.W. 9. leagues butt w^{ch} the variation allowed the true course is N.W. $\frac{1}{2}$ beinge by observation in the Latitude of 23. & 46. The winds variable att the S. S.W. E. & N.E. from 12 at noont till 8 at alme.

19^g.
var. Co. 16. 30.
Lat: 24. 10.
Lon: ~~48. 32~~
39. 45.

To this day noont wee sayled by the Logge 63 myles the courses N. 9. N.W. 30. N.W. 9. N.W. 9. so the course by the Plano is N.W. $\frac{1}{2}$ W butt w^{ch} the variation allowed the true course is N.W. 21. leagues. beinge by observation in the Latitude of 24. 10. so the leagues sayled are butt 10 $\frac{2}{3}$. The winds variable, att the S. & S.W. E. E.N.E. & N.E. & N.W. & N.

Lat: 24. 39.
Lon: 39. 27.
~~39. 16.~~

To this day noont wee sayled by the Logge 20 myles. the courses N.W. $\frac{1}{2}$ W. 9. N.W. 12. N.W. 9. The course by the Plano is N.W. 9 leagues butt w^{ch} the variation allowed the true course is N.W. $\frac{1}{2}$ beinge by observation in the Latitude of 24. 39. The winds variable att the S. N. & W. I had no observation. 5 leagues Salme.

21^g.
Lat: 24. 42.
Lon: ~~48. 31~~
39. 27.

To this day noont wee sayled by the Logge 36 myles. the courses N.E. 13. E.N.E. 5. E. 10. & N.W. 0. so the course by the Plano is N.E. $\frac{1}{2}$ E. Butt w^{ch} the variation allowed the true course is N.E. 12 leagues. beinge by observation in the Latitude of 24. 42. The winds variable att the S. N. & W. I had no observation. 5 leagues Salme.

22^g.
var. Co. 16. 3. 5.
Lat: 24. 58.
Lon: ~~48. 32~~
39. 24.

To this day noont wee sayled by the Logge 23 myles the courses N.W. 15. N. 3. & N.E. 5. so the course by the Plano is N. $\frac{1}{2}$ E. Butt w^{ch} the variation allowed the true course is N.W. and the leagues sayled by the difference of Latitude are 5 $\frac{1}{3}$ leagues. beinge by observation in the Latitude of 24. 58. wee had 8 howers Salme. the winds variable att the E.N.E. N.E.W. S.E. N.W. N. very hott w^{ch} the day.

Sunday: 23rd ³³
 1632. ⁽²¹⁾
 To this day noon we sailed by the Logge
 40 myles. the courses of the NW 13. NNW 10.
 W 9. & NE 10. so the course by Plano is N 1/2 W
 30 myles. But by the variation allowed the
 true course is NNW 10 leagues: being by
 Observation on the Latitude of: 25. & 29.
 About 2 of the shores at night the small
 Pinaro became on heads saw by land of
 Orficia: and part of a piece of ordinance
 & was answered by the Admiral. At noon
 we were some 8 leagues from the shore
 we found at all noon & had 57 fathoms out.

24th
 To this day noon we had the wind variable
 sometimes out of the Bay & sometimes off
 the land, but very little wind at all some
 tedious: we stood off and on to the shore
 as we could get advantage of the wind:
 and were by Observation on the Latitude of
 25. 19: we stood into the shoar till we
 had 25. & 26 fathoms: our ground.

25th
 25 is 24 hours we stood off & on with the
 wind the wind all went and about eleven
 of the shores we came to an anchor in
 16. 39 fathoms: we stood off into 100 fathoms
 and no ground: and stood in to 16. fathoms
 we came to an anchor in 9 fathoms 7 myles
 from the shore and 2 leagues from the
 shore here it butt 4 fathoms: the high
 land that gave the hooked point of all
 the top as if it were sull out, was NB 8:
 Our Barge went afore before we
 came to an anchor, and went to the
 Eastward of that says high mountain.

Note that this shore is of a great length
 E and W. but N & S it is but very narrow
 some 5 or 6 shippes length: there is but 3
 fathoms all the way.

26^g.
 The last night about 12 of the clock wee
 weighed & set sail wth the wind of the
 S part and about 4 of the clock in the morn
 the wind came to the N & NW. so wee sailed
 NW by N till 2 of the clock in the afternoon
 then was the water upon the point of
 Bumbarrick the NW of us. wee heare
 the lead and had 30 fathoms. you may
 stand so neere into the shoar till you
 bringe the sayle North NW of you. ~

27^g & 28^g
 The 2 days till the 28th at noon wee
 had very little wind and some calme
 the wind blowing almost right out of the
 Bay so thatt wee gott nothinge at all but
 rather lost the point of Bumbarrick
 beinge still NW of us and the point
 of Jalyb NE & SE. From noon wee lay
 NW & NW by N an easy gale at the SW.

29^g.
 To this noon wee had little wind. ~
 12 of the clock at night then had wee
 the wind of the Norian shore till
 all night and all of the clock in the morn
 ninge. Bumbarrick point was NE of us.
 and at 12 of the clock at noon it grew
 calme and then the wind came of the Stra-
 bian shore and wee steered away NW.
 the wind at w. a fynt fresh gale.

Sunday
 30^g.
 To this day noon wee sailed NW till 4 of
 the clock yesterday in the afternoon afterwards
 N. & NW. all night havinge the wind at W.
 SW. & S an easy gale forty m^{ts} calme
 and still continued the same course. Note
 thatt when Bumbarrick is E of you, 3
 leagues to the westward you shal have a shoale
 upon the Norian shore 2 or 3 leagues
 from the lands so thatt if you see sayle to stand
 over you must have a look or head to sound.

October 1st.
at 1632.

Sarracke.

30 & 35.
falgs and all
of last night.

Yesterday about 2 of the flocke were saw the small
flands off of Cape
forme of gamours doynes they bor SWW of us.
at 4 of the flocke we saw Sarrackhaunge a fress
gale all SWBS wee steered SSE: at 6 of the
flocke it grew little wind till dawn &
then it was calm so wee came to an anchor
all in all night and was at 5 this morning
was weyther with the wind at NBE & SSE
an easy gale and all went wee were wj m
4 myles of Sarracka the after most 2000 lb
SWW of us a leauge off, became a low sandy point.

29.
The last night about 10 of the flocke became be-
twixt the 2 flands Thomas & Cyfomy in grow
talm so wee came to an anchor in 13 falgamb
wee steered on NWW & so the flocke lyt from
the midway betwene the 2 flands. At 4 of the
flocke the morning wee weyther & so the flocke
wj the wind at NE & stood in for the flocke
haunge 7 falgamb all the way in. here being
no danger at all: About 10 of the flocke
wee got in and came to an anchor in 5
falgamb and a quarter: There was in the
flocke the mary & the Longe pynge, 3 flammis
and a Junke: The tide flew SSE &
NW, afternoon the flocke went apeare ~

Saus Deco

In Comeroone Rode.
The tide flew SSE & WSW: the compass
varyeth 17 & 20: the best morning is N & S:
wee rode in 5 $\frac{3}{4}$ falgamb about 4 myles off.
Drove against the towne of Comeroone.

104.
James Otter killed wj a peere of Berdinanti
tommynt for the ship Syde: & fell overboarde
& was not found till the next day in the
afternoon, then hee was taken into the boate
& shrowded & buried.

16. E
Samuel Blades. Dyde of a flup:

October
22^d 1632. Wee weiged & sett sayle from Sombrune
butt came to an Anker agayne in 13 fathoms
Round to Suratt some 3 leagues from the Mayne: in boosome
of Calme, and a good tyde thynge to see.

23^d The last night about 10 of the clocke wee
went agayne wth the wind at NE;
and by day light wee were betwene the
2 flands: Demouze & Ciffmy. Then in the
Calme: about noon the wind came to the
WSW. & wth a fressh gale, at 6 of the clocke
the flands ofe of days
like a Gumbes Coyne was SW of us 3 leagues

24^d The forefayd gale continued till 2 of the
clocke this morninge & then in green water
at 8 of the clocke this morninge the fore-
fayd fland bore NW of us in boosome till
Calme: at noon wee Ankered wth a
40 fathoms. Cogger) & haul for till the tyde was
done: at 6 of the clocke, the faysd fland
bore NW & 6 N: so wee got litted all this day
now wee had a litted gale at NNW:
all this night very litted wind & Calme.

25^d This day morninge wee had a litted gale at
N: till noon & then Calme: wee saw 2 burn-
barriques it bore SEBS 5 leagues: ofe at 2 of
the clocke wee had a litted gale at SSW
and afterward it veered to the SEBS for mee
stode close into the Portugalian shoare and
at 8 of the clocke wee tarbed ofe haunne
42 fathoms: and stode over all night wth
the wind still at SEBS: a fressh gale.

26^d This morninge the wind still at SEBS at
7 of the clocke wee tarbed ofe stode over
for the Portugalian shore: and so tarbed
ofe on till noon about 2 of the clocke the
wind came to the S: at 4 of the clocke Burn-
barique was EBS of us some 4 leagues: ofe
all night Calme: sometimes a litted gale

27th Octob^r This day in the morninge about $\frac{3}{4}$ of the
 4632. + the we had a litle gale att NW w^{ch} after
 partened in to a fyne fressh gale att WNW.
 & observed att noone and made 25.8: 35 miles
 att the same tyme was the hummocks of the
 point of Bumberique NE of us 4 leagues
 off, havinge steered SSE till 2 of the
 + the this after noone and then we steered
 away SE. havinge still a fyne gale: ~

Sunday:
 28th Octob^r To this day ^{noone} we sayled by the Logge 63 miles
 Cape Jacques the courses SEE: 16. SE: 10. SSE: 23. & SSE: 6.
 NE: & Sauges of: so the course by Plan is SE $\frac{1}{2}$ S. but by the
 variation allowed the true course is SEE
 & the Sauges sayled are but 10. The wind
 att WNW: NW: & N: a fyne gale. become by
 observation in the Latitude of 25. 8. 0.

29th Octob^r To this day noone we sayled by the Logge 52 miles
 the courses SE $\frac{1}{2}$ E. 22. SSE: 25. & SSE: 4. so the
 course by Plan is SE $\frac{1}{2}$ E but by the variation
 allowed the course is SE: 20. Att by the differ-
 ence of Latitude we made a southerly course
 become by observation in the Latitude of
 East Longitude 24. 31. so the course by the Logge allowed
 is SEE 17. Sauges: the wind att WNW & NW.

30th Octob^r To this day noone we sayled by the Logge 19
 miles. the courses SEE: 5. ESE: 9. & ENE: 5.
 so the course by Plan is ESE: $\frac{1}{3}$ S. but by
 the variation allowed the true course
 ESE: 2. & the 17 miles by observation in
 the Latitude of 24. 20. Wind att W. S.W. S
 & northerly calms, observed litle wind.

31st Octob^r To this day noone we sayled by the Logge
 23. miles the courses EE: 3. ESE: 16. SEE: 4
 so the course by Plan is EE: but by the
 variation allowed the course E $\frac{1}{2}$ S. but by the
 difference of Latitude the true course is NE:
 become by observation in the Latitude

Current to
 the No^rward

Novembris. 7th To this day noon likewise we had ⁴¹ no wind at
 all but by a judgment we drove some 10
 miles. E. & observation became bad, it became
 a white & thick Calme:

8th: To this day noon we sailed ESE. by the
 variation of the compass way allowed 5 leagues
 of a mile ^{but of the true course to be 5 leagues.} became by observation in the latitude
 of 22. & 52. The wind variable N. by. & S. by.

9th: To this day noon we sailed by the Loggs 30
 miles, the several courses made in a right
 way by the plane w^{ch} the true way allowed
 But w^{ch} the variation allowed the true
 course is Ebs. $\frac{1}{2}$ S. $9\frac{1}{3}$ leagues became by ob-
 servation in the latitude of 22. & 40. The
 wind at NE. & ENE. sometimes Calme.

10th: To this day noon we sailed by the Loggs 12 miles
 the several courses w^{ch} the variation allowed
 making an ESE course, & became by observa-
 tion in the latitude of 22. & 44. the wind va-
 riable at NE. NNE. N. & ESE. some Calme.

Sunday.
 11th: To this day noon we sailed by the Loggs 52
 miles the courses ESE. 30. ESE. $\frac{1}{2}$ S. 15. & SESE. 7.
 so the course by plane is ESE. 4th S. by. but w^{ch}
 the variation allowed the true course is E.
 S. by. $17\frac{1}{3}$ leagues. became by observation
 in the latitude of 22. 31. the wind at N.
 NNE & NNW a fine gale sometimes Calme

12th: To this day noon we sailed by the Loggs 40
 miles. the courses Ebs. 7. & ESE. 33. so the course
 by the plane is ESE a little E. by. And by the diffe-
 rence of latitude the true course is ESE. $15\frac{1}{3}$
 leagues. became by observation in the latitude
 of 22. 23. The wind at N. NNW. NW. & NNE.

Nombri: 13^o Do this day noon we sayled by the Logge 21
 av. 1632 Myles ESE. butt w^h the variation allowed the
 course is E¹/₂S. butt by the difference of Latitude
 Lat: 22. 16. the true course is ESE 7 leagues. become by
 Lon: 05. 26 observation in the Latitude of 22. & 16. The
 Current to the S^o Winds all NE & NNE. litle wind & Calme.

14^o Do this day noon we sayled by the Logge 42 myles
 the courses ESE: 10. ESE: 24. SESE: 6. & SE: 2. so the
 course by Plano is ESE 41 myles, & the leadward
 way & current to the S^o counterway come the
 George Starry variation the true course is ESE: ¹³/₂ leagues by
 of a favor & the observation on the Latitude of 21. & 49:
 The winds all NNE: NE: & ENE: an ealy Gale.

15^o Do this day noon we sayled by the Logge 51 myles
 the courses ESE: 22. SESE: 24 & SE: 9: so the course by
 Plano is ESE: 9^o 30^o: butt w^h the variation allowed
 the true course is ESE: 9^o southerly & alle
 nigh ¹/₂ a mynt leadward way: become by obser-
 vation in the Latitude of 21. 27. The winds
 all NE: NNE: & ENE: a fresh Gale.

16^o Do this day noon we sayled by the Logge 51 myles
 the courses E¹/₂S: 11. ESE: 9. ESE: 21. & SE: 10: so the course
 by Plano is ESE 38 30^o: & w^h the leadward way allowed
 the course is ESE ¹/₂S: butt w^h the variation allowed
 the true course is ESE: 17. leagues become by obser-
 vation in the Latitude of 21. & 4. The winds
 all NE: & NNE: a fyne fresh Gale. XXXX

17^o Do this day noon we sayled by the Logge 53
 Myles: the courses E: 5. ESE: 10. ESE: 14. SESE: 17. SE: 7:
 so the course by Plano is ESE: 2^o 30^o: & w^h the leadward
 way allowed the course is SESE. butt w^h the vari-
 ation allowed & by the difference of Latitude the
 true course is ESE ¹/₂S: 17 ²/₃ leagues. The winds all
 the NNE: NE: & ENE a fresh Gale constantly.

Sunday
 18^o Do this day noon we sayled by the Logge 54 myles
 the courses E: 11. SESE: 31 & SE: 11. so the course by Plano
 is ESE ¹/₂S & the leadward way counterway come the
 variation it is the true course, leagues sayled
 are 110. become by observation in the Latitude
 of 20. & 4. The winds all N. NNE: & ENE fresh Gale.

21 November 19th. To this day noon we sayled by the Logge 40³
 40³ myles: the souerall courses making a feble way
 Lat: 19: 24. a little off shore: by the Lane: And the souerall
 way booyng more then the variation the true
 40 fathoms 2 of way booyng more then the variation the true
 40 fathoms at noon: beauges: booyng by observation in the Latitude
 of 19. 24. the winds at NNE: NE: & ENE: fresh:

Note that when you come into the Latitude of
 19. & so: so many fathoms as you have, you are
 so many leagues from the Coast, till you come
 to 13 fathoms.

20th. To this day noon we sayled by the Logge 53
 myles the souerall courses making a feble way
 Lat: 10: 57 way the toward way souerall course the vari-
 ation of 1/2 a point more so the true course is
 feble: 17 leagues, we had no observation, it
 beinge by the cloudy weather: but by imagin-
 ation in the Latitude of 10. 57 the winds va-
 riable at the NE: ENE: ESE: & all 88: & the sea was
 good to the norward: we had 40. & 50 fathoms

21st. To this day noon we sayled by the Logge 20
 myles upon souerall courses to the N: & so
 myles to the souerall way so the variation &
 toward way allowed the true course is N:
 & the leagues sayled by the different of Lat-
 itude are 13 leagues: booyng by observation
 in the Latitude of 19. 40. we had 2 greater
 shotes of dayne & of a small dropp: the winds
 at the E: SE: ENE: & NE: a fresh gale.

22nd. To this day noon we sayled by the Logge: 25
 myles upon souerall courses to the Norward & 29 myles
 to the souerall way the way, allowinge the variation
 & toward wayes the true course is ENE 9²/₃
 leagues booyng by observation in the Latitude
 of 19. 51. we had between 40. & 50 fathoms
 the winds variable at E: SE: ENE: & NE:

Noumbris
 23^g
 1632
 Latt: 19. 20.
 Lon: 12. 31.
 Lon: 11. 12
 To this day noon wee sayled by the Dogge 75
 myles by courses E.S. & E.S. 32. & S.E. 5. so the
 course by plan is E.S. And the ground way
 betwixt is a point more then the variation
 the true course E.S. 15 leagues betwixt by
 observation in the Latitude of 19. & 20.
 the winds at N.E. & N.W. a fresh gale.
 wee hoisted the leads every 4 hours and
 had 40. 36. 32. & 28 fathoms at noon.

24^g
 Land gone
 Latt: 19. 40.
 Lon: 12. 24
 To this day five of the clocks in the morninge wee
 had sayled 13 leagues makinge an ell way all
 way to me wee saw the Land the furthermost
 Land that wee saw beinge the Land of St Johns
 the bore bore of us is leagues off: at 12 at
 night wee had 21 fathoms: and before that
 24 fathoms: was word by observation in
 the Latitude of 19. 40. The winds at the
 N. N.W. & N.E. a fresh gale till 10 this morninge
 afterwards litle winds at N.W. & N.E.

Sunday
 25^g
 Latt: 20. 02.
 Lon: 15. 09
 To this morninge at 0 of the clocks wee came to an
 anchor in 20 fathoms: havinge had the winds all
 night at E. & E.S. & at 10 of the clocks the last
 night wee anchored in 16 fathoms: & weighed at
 3 in this morninge: St Valentynes the white bea
 ringe bore of us about 14 leagues off the land
 appears to be found all alonge: 200 myle by
 observation in the Latitude of 20. & 21: at
 4 of the clocks in the afternoon wee weighed and
 set sayle wth the winds at N. so wee steered all
 this day N.W. & N.E. at 10 of the clocks at night
 wee came to an anchor in 12 fathoms: upon bene
 fiffe: wee hoisted the leads every glasse wee had
 10. 16. 12. & 10 fathoms wee had foule ground
 for if you come wth in 10 fathoms on this fiffe you
 shall have foule ground: wee tacked & stood into
 12 fathoms & a halfe and came to an anchor.

26^g
 To this morninge at 3 of the clocks wee weighed
 wth the winds at E.N. and stood alonge the shore
 at 6 of the clocks (Demar) was to us some way had
 open all cleare: the winds wee came to an anchor

The low
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Latt

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Shir

In 10 fathoms some 3 leagues off the ⁴⁵ shoar ²⁶
beinge the port of Cunderoy: And now by
Observation in the Latitude of 20. 30: ~
At 5 the afternoon wee weighed wth the wind
att N. E. by W. and turned by till 11 att night
and then came to an anchor in 10 fathoms.

27th This morninge att 6 of the clocke wee weighed
wth the wind att E. by N. beinge past by aboate
Cunderoy River: att 11 of the clocke the wind
WNW then wee stood up wth our labors till
aboate till 2 of the clocke in the afternoon &
then the tide beinge done wee came to an anchor
in 11 fathoms: some 4 or 5 myles south of the
Barre: Gull Swallow beinge N 8 1/2 E 1/2 Comp.
wee were by Observation in the Latitude
of 20. 53. Note that if you turne up you
must not stand no nearer the land then 20
or 21 fathoms for if you ^{shall} see water it
will be of a sudden but 14 is & 16 is
a good depth: & you may stand into 8 & 7 fathoms
into the shoar: wee stood att an anchor all
this night, & sent 2 fellinott wth the expelles
& charts followeth to lye upon the barre

20. 4th This day morninge att 7 of the clocke wee
weighed and had the wind att E. by S. and
then stood up for the Barre makinge one onely
board wth the shoar and aboutt 11 of the
clocke wee came to an anchor in the hole
in 7 fathoms astern of 3 flomish shippes
variation of the
Compass in the hole

14 20
Inus Deo, In secula seculorum

Exp. course over the barre is: SW by S. & N 60 E

Memorandum the 20 of December I was sent for aboard the Chary
of Honoyall & by a Constellation. of the Council, I was removed out
of the ship Jonah into the ship Exchange, to go for the west coast of
Siamatra: &c.

Inus Deo: Ship Jonah.

1632. February 1st
 Lat: 16. 32. 47
 Var. Co: 14. 40.
 To this day noone was sayled by the Logge
 21 $\frac{1}{2}$ leagues the courses S. S. S. W. for the course
 by y^e Plano is S $\frac{1}{2}$ W. but w^{ch} the variation
 allowed the course is S. S. E. being by ob-
 servation in the Latitude of 16. 2. the winds
 all N. & N. E. a fresh gale we had no
 ground all 50 fatjams: & 55 fatjams.

2^d. To this day noone was sayled by the Logge 75
 Myles the courses S. S. E. 21. & S. E. 2. for
 the course by y^e Plano is S. 3^d E. but w^{ch}
 the variation allowed the true course S. E.
 7^d E. by). 26 leagues being by observation
 in the Latitude of 14. 45. the winds all
 N. N. W. N. & N. E. a fyne gale.

Sunday
 3^d. To this day noone was sayled by the Logge
 75 myles the courses S. 4. S. E. 5. E. 21
 S. E. 35. & E. S. 10 for the course by y^e Plano
 is S. E. $\frac{1}{2}$ S. but w^{ch} the variation allowed
 the course is S. E. 23 leagues being by
 observation in the Latitude of 14. 0.
 the winds betwene the N. N. W. & N. E. with
 E. 30. 36. & 32 fatjams, at noone: about
 2 of the clock this afternoon we saw
 a little flame that had no name & is
 distant from Goa 14 leagues to the South
 all of the clock this evening it had E. S. E.

4th. To this day noone was sayled by the Logge 75
 myles the courses S. W. 35. S. W. 5. & S. E. 22.
 the course by y^e Plano is S. but w^{ch} the
 variation allowed the true course is S.
 is degrees E. 24 leagues being by observation
 in the Latitude of 12. 40. the N. W. & N. E. 2 hours
 at night we had 26. 27. 20. 29. 32. 37. fatjams.

*this morning before
 break a day we saw
 the great flame
 against y^e a league
 or trade of 15. 0.*

Latitude 12. 42.
 Var. Co: 14. 27.

Feb. 29 1632. To this day noon wee sayled by the Logge
 24 myles sbe: 20. & s. 4 so the course by plane
 Lat: 12. 9. is sbe a little southerly but w^{ch} the variation
 allowed the true course is sbe: 8 by the dif-
 ference of Latitude the leagues sayled are
 13 beinge by observation in the Latitude
 of 12. 9. the wind at we: wsw: Nw: & NNE:
 we had 13. 40. & 42 fathoms: or howe^{er} talme.

06. To this day noon wee sayled by the Logge
 66 myles. the courses of the: sbe: 26. & sbe: 40.
 so the course is by y^e plane: sbe 4 & sbe: but
 Lat: 11. 5. w^{ch} the variation allowed the true course
 is sbe: 7 & sbe: 23 leagues: beinge by ob-
 servation in the Latitude of 11. 5. d.
 this morninge we the wind betwene y^e N. & the Nw: or
 saw y^e Land: by y^e gale: we had 13. 35. 36. & 37 fathoms
 our 2 Gallies went w^{ch} the y^e of Somers into
 the shoare to a small sayle by y^e shoare.

07. To this day noon wee sayled by the Logge 66
 myles: the courses: s. 15. sbe: 13. sbe: 12. sbe: 5. & sbe: 12
 Lat: 10. 10. so the course by y^e plane is s. 1/2 E. 64 myles
 but w^{ch} the variation allowed the true course
 is sbe: 21, leagues. beinge by observation in
 var. Co: 14. 20 the Latitude of 10. 10: the wind betwene
 souly: 130 fathoms. the sbe: & sbe: / wsw: & w: / & s howe^{er} talme.

08. To this day noon wee sayled by the Logge
 39 myles the courses s. 21. sbe: 7. & sbe: 11. so
 Lat: 9. 42. the course by y^e plane is s. o. d. E by: but w^{ch} the
 variation allowed the true course is. sbe:
 and the myles sayled are but 33. or. 11 leagues
 var. Co. 14. beinge by observation in the Latitude of
 9. 42. the wind betwene the N. & NE: w. & s
 & sbe and east gale fow^{er} talme. — 50 fathoms.

49
 To first day noont wee sayled by the Logge 34
 Myles the course S. 30. E. but w^{ch} by variation allowed
 the true course is S. 8. 30. E. and by the difference
 of Latitude the myles sayled are 45. or 15 leagues.
 beinge by observation in the Latitude of 0. 56.
 the winds betwene the N. N. W. & N. W. east gale

To first day noont wee sayled by the Logge 65
 myles the course S. 30. S. 1/2 E. 6. & S. 23. —
 so the course by y^e Plano is S. 1/2 E. but w^{ch} by
 variation allowed the true course is S. 8.
 7. E. 21 leagues, beinge by observation in
 the Latitude of 0. 08. the winds betwene
 the N. E. & N. W. a fyne gale * * *

To first day noont wee sayled by the Logge
 27 myles the course S. 5. S. 8. 17. & S. 57.
 so the course by y^e Plano is S. 8. but w^{ch} by
 variation and leeward way allowed the course
 is S. 8. & Raining a greate current out of
 the 88. wee went litle on hoade beinge
 by observation in the Latitude of 7. 57.
 the winds betwene the S. W. & N. W. 3 honde
 talme: this day all noont wee saw the land
 w^{ch} bore E. N. of us some 12 leagues off.

To first day noont wee sayled by the Logge
 22 myles the course S. 4. S. W. 4. & S. 14
 so the course by y^e Plano is S. but w^{ch} by
 variation allowed the true course is S.
 14. E. 15 myles or 5 leagues. beinge by the
 observation in the Latitude of 7. 44.
 the winds variable at the 88. E. N. E. & N. E.
 litle winds and 9 honde talme: wee saw
 the land E. N. of us a litle w^{ch} by
 supposed to be Daxo Somerine.
 this day wee lost sight of the great fowle
 in fanges watter, w^{ch} leake after wards stoppe
 of its owne accord —

February 13th To this day noon we sailed by the Logge
 Var: 16 32 73 myles the courses: 8: 44. & 88: 29: so the
 course by a plane is 88: 2^d 8: but by the vari-
 ation allowed the true course is 88: 2^d 8^t
 and the leagues sailed are 25: being by
 Observation in the Latitude of 6: 40^d
 Longitude from the meridian of (St John de
 vacas): 3^d 2^d., we had the wind betwixt
 NNE: & NW: a fresh gale: and to this day
 went we steered away: 88: wind all NE: -

14th To this day noon we sailed by the Logge 62
 Var: Co: 13: 35 myles the courses: 8: 9. 88: 10. 88: 17. & 88: 26.
 so the course by a plane is 88 1/2 E. & the leagues
 way round wayling the variation it is of
 true course: being by Observation in the
 Latitude of 5: 43^d the leagues sailed are
 22: the wind variable betwixt the NE: &
 E: a fresh gale sometimes little wind. -

15th To this day noon we sailed by the Logge 62
 Var: Co: 13: 30 myles the courses 5: 9. SW: 22. 88: 13. & 88: 16.
 so the course by a plane is 5: & the leagues
 way round wayling the variation it is the
 true course: leagues sailed are 20: being
 by Observation in the Latitude of 4: 45:
 the wind betwixt the E: & NE: a fresh gale

16th To this day noon we sailed by the Logge
 Latt: Imagi = 67 myles the courses: 88: 9. 88: 10. 88: 34 &
 3: 55 88: 6. so the course by plane is 88: 4^d 2^d 8^t &
 Lon: 4 15 the leagues sailed are 22: being by
 Observation in the Latitude of 4: 45:
 the wind betwixt the E: & NE: a fresh
 gale. we had no observation the wind
 being very thick and stony.

Var:
Latt:
Lon:
Latt:
Lon:
Latt:
Lon:
Latt:
Lon:
Latt:
Lon:
Latt:
Lon:

Sunday: 17th February 1632. To this day noon we sayled by the Logge 42 miles the courses: sbe 4. sse: 5. sbe 10. & sbe 23. so the course by Plano is sbe 7 & est. But the variation of the wind way allowed the true course is sbe: 14 leagues: bearing by observation in the Latitude of 3^d 20' the wind between the E & N Ebe: 5 hours calmed w^{ch} very many Rayns & lightnings

18th To this day noon we sayled of Logge 50 miles the courses: sbe: 5. sbe: 6. sbe: in. sbe: 13. & sbe: 11. so the course by plano is sbe: 10 & est. & the variation being 4 & est more than the bearing way to go w^{ch} the true course is sbe: & the leagues sayled are 15: bearing by observation in the Latitude 2^d 53' w. the wind between the E. N. & NW: & between the E. & S. some Rayns & Lightnings

19th To this day noon we sayled by the Logge 61 Miles, the courses: sbe: 12. sbe: 17. sbe: 10. sbe: 10. & sbe: 6. so the course by plano is sbe: and the bearing way countering the variation it is the true course: & leagues sayled 19. bearing by observation in the Latitude of 1^d 56. the wind variable at E. Ebe. Ebe. Ebe: a fresh gale sometimes little wind. Rayns Gusts. & lightnings

20th To this day noon we sayled of Logge 37 miles. the courses: sbe: 6. sbe: 12. sbe: 16. & sbe: 3. so the course by Plano is sbe: And the bearing way countering the variation it is the true course being by observation in the Latitude of 1^d 19'. leagues sayled are 11 ²/₃. the wind at the E. Ebe. & Ebe: a fresh gale sometimes little wind Rayns and many lightnings

February 21st To this day noon we sailed by the Logge 49
 1632 Miles by courses 5: 5. 88: 7. 88: 10. 88: 27. & 88:
 so the course by y^e Plane is 88 1/2 g. and the
 Lat: Imaginatioⁿ ward way countraylinge the variation in
 0. 37. is the true course, the leagues sailed are 14
 Lon: - 5. 55. we had no observation, but by Imaginatioⁿ
 we were in the Latitude of 0. 35 minutes
 Rayne. gale. the wind from the ENE. to the ESE. a Gale of gale
 with Rayne, gusts, and lightnings: -

22nd To this day noon we sailed of Logge 50 miles
 Var: Co: 13. 20 the courses 88: 24. 88: 17. 88: 5. & 88: 4
 course by y^e Plane is 88: 47 miles and the
 Lat: 5: 0. 5. ward way countraylinge the variation it is
 Lon: - 5. 4. the true course & the leagues sailed are 12
 being by observation in the Latitude of
 Drop the equator 5 mynutes to the southward of the Equator
 northward about
 eight of y^e hours
 the morning the wind all 8. ebs. 88: & 88: sayd weather
 all night very much lightnings. no Rayne.

23rd To this day noon we sailed by the Logge 25
 Curat to y^e 50 miles upon several courses, we made a 88:
 way: & the backward way countraylinge the
 Lat: 0. 42. variation, it is the true course: and having
 Lon: 6. 17. a current to the southward the leagues sail
 led are 11. being by observation in the
 Latitude of 42 mynutes to the southward of
 the Equatorial the wind all 8. ebs. & 88:
 all about the wind came to y^e NW. & we
 started away. 88: sayd weather & lightnings

24th To this day noon we sailed by the Logge 60
 Sunday Miles ebs p Comp. But w^{ch} the variation
 Lat: Imaginatioⁿ allowed the true course is 8: 22 2/3
 0. 45. we had no observation the weather being
 Lon: - 7. 25. slowdy. but by Imaginatioⁿ in the Latitude of
 45 mynutes, the wind betwixt y^e N. & the
 Rayne. etc. NW, fresh gale w^{ch} gusts, lightnings, & small
 drops of Rayne.

Feb: 25th 1632
 Do this day noon wee sayled by the Logge
 62 myles. upon foure ad our flos: making by
 y^e Plano a Ege way 57 myles or 19 leagues: ~
 Lat: Imaginary But w^{ch} by variation allowed the true course
 is Ebs. 42 E. 19 leagues: was had no obser-
 vation the wind or becom^e to the S. & Rayns.
 But by Imagination in the Latitude of 54
 Rayns: Juste & my miles, & Longitude from the Meridian of
 St John de Batters. 0. 22. The winds variable
 betwene N. & N. W. a few y^e also found
 tyms little wind the wind or slowly w^{ch} Rayns
 gusts & Lightnings: The sea: blake & spiky

26th. Do this day noon sayled by the Logge 33 myles: y^e
 course E. S. 13 Ebs. 12. & Ege: 7. so the course by
 y^e Plano is Ebs. but w^{ch} by variation allowed
 the true course is E. 11 leagues: wee had
 no observation the sky becom^e full of Rayns
 the wind betwene the N. & N. W. found
 of Rayns w^{ch} Thunder & Lightnings.

27th. Do this day noon wee sayled by the Logge 15
 myles Ebs. but w^{ch} by variation allowed y^e
 true course is E. 5 leagues: the winds va-
 riable at S. W. & S. W. little wind & a
 howle talme: many Rayns Thunder &
 extraordinary Lightnings: all the night
 was had no observation of fume nor y^e going

28th: 1632 Do this day noon sayled by Imagination 10
 myles: becom^e all the at howle talme & very
 little wind at N. W. N. E. & E: saynt swatp
 all night Lightnings: this way afternoone
 was tried w^{ch} way the Current falls & it
 set to the S. W. becom^e prone w^{ch} of ship
 rapinge 8th the drake S. W. last night last
 the the stroke was made by observation of y^e
 Crost 1. & 40: souly Latitude: no observation
 Current, S. W. at noon, w^{ch} way of Lightnings

March: 1st. ar. Do this day noon fayled by the Logge 42
 16 32: myles. ebs: butt w^{ch} the variation allowed of
 Var. Co. 12d. two courses in 8th 14 leagues. we had no
 observation the sky full of Rayne the
 Lat: Imagined wind variable all w. NW. & N: formerly
 16. 50. a few Regals formerly little winds. some not
 Lon. 9: 52. this 24 hours very many Rayne: & little
 May Rayne

2nd ar. Do this day noon fayled of Logge 19 myles
 Var. Co. 10. 49 course of 80. ebs: butt w^{ch} the variation the
 to be in 20th: butt allowing the current
 Lat: Imagined we set to go NW: after a course in 24
 01. 40. hours: the course by imagination is NW
 Lon: Ditto 10 myles: we had the wind at N: NW. & W
 very little wind, & in hours calm: &
 Curr: NW: Lat: Imag: 1. 40: this 24 hours no Rayne.

Sunday. 3rd ar. Do this day noon we had little or no wind
 & having fayled by the Logge butt Complex ebs:
 Lat: Imagined & having a current to the NW: of about
 1: 30. 6 leagues in 24 hours: so that the course
 Lon: Ditto by imagination is NW: 10 myles: the
 little wind that we had became at NW
 Curr: to the NW

4th ar. Do this day noon we fayled of Logge 20
 Var. Co. 11d. myles: the course of 80. ebs: & w^{ch} the vari-
 ation allowed the course in 8th: butt w^{ch} the
 Lat: Imagined current allowed we set to the NW: & a
 01. 16. homing sea out of the 88: the course by
 Lon: 10: 02. imagination is NW: 21 myles or 7. leagues
 Curr: to NW the wind at W. NW. & SW: sayre weather

Sheve Tuesday 5th ar. Do this day noon we fayled by the Logge
 50 myles: the course ebs: ebs: 1/2 S & 2/3 E: but
 Lat: Imagined w^{ch} the variation & toward way allowed
 01. 01. as the wind abated to the southward to make
 Lon: 10- 39. an 8th way: butt the current allowed
 was

55

69. Do this day none sayled of Logge 62 myles the course
comp. 88. but w^{ch} the variation allowed the course
is 88. & the current allowed to be NW. the
myles sayled are but 55 by imagination, or
10 1/2 leagues. we had the wind at NW. con-
stant a fresh gale. w^{ch} saynt & light house
it was also 3 honors talms. we had no ob-
servacion but by imagination in the lat-
titude of 1. 32. my miles to the south of the
Equinotial, this 24 honors we had no gyfte.

70. Do this day none we sayled of Logge 76
myles the course 88. but w^{ch} the variation
allowed the true course is 88. 25 leagues
the wind between the w & the NW a fresh
gale w^{ch} small saynt 2 or 3 honors. we
found now a small current out of 88.
but bec^{ing} a fresh gale it could be like
or no hinderance to us. we had no obser-
vacion the sume bec^{ing} so near the
Equinotial & we so near the Land.

71. Do this day none we sayled of Logge 33
leagues 88 of 100. but w^{ch} the variation
allowed the true course is 100. one degree
southly. we had the wind variable raised
by small honors of saynt, bec^{ing} between
the N. W. & S. W. but most commonly at NW &
W. w^{ch} small saynt. we had no observacion

Monday 9th
av. 1632
Lat: Imaginro
01. 50.
Lon: 15. 00

To this day moone was sayled by the Logge
46 miles by course E. S. & E. 1/2 S. but by
the variation allowed the course is E. S. W.
leaves, we had the wind all the way NW till
12 all night, then calms & howers, and
afterwards the wind betwixt the E. & W. &
WSW: an east gale. we tryed the sur-
rant but there was none at all. say. 1000

Ma
a: 1
var: C
Lat:
Lon:

Sunday
10th
Lat Imagi-
1. 50
Lon: 15. 35
Rayne &c.

To this day moone was sayled by the Logge 37
miles by course E. S. but by the variation
allowed the true course is E. S. 2^d southerly: & the
wind all WSW. & NW: a fine gale wth some
Rayne & lightheimpe: And 4 E. W. S.
calms: the weather for yet most pt clear.

var:
Lat:
Lon:

11th
var: Co: 0.
0. 13
Lat: Crofite
01. 35
Lon: 17. 15
Rayne &c.

To this day moone was sayled by Logge: 100 miles
by course E. 1/2 S. but by the variation al-
lowed the true course is E. S. 2^d southerly: we
had the wind all the way NW: & NNW: a fresh gale
wth some Rayne & lightheimpe: the
day morninge afore one of the clerks was ob-
served the Crofite and by observation were
in the Latitude of 1. 35 to the southward of
the Equinotiall allowinge the declination to be 29.
we saw a greates Logge of wood and went to it wth 20 men
about 11

var:
Lat
Lon
Cur
wth 20

12th
var: Co: 0.
0. 0
Lat: 01. 20
Lon: 10. 40
Rayne &c.

To this day moone was sayled by Logge 99 miles
by course E. S. but by the variation allowed the
true course is E. S. 2^d southerly: 29 leaves
we had the wind betwixt the N. & S. & S.
wth a fresh gale wth lightheimpe & lightheimpe
& very much Rayne: beinge by observa-
tion in the Latitude of 1. 20: South

var:
Lat
Lon
Cur
wth 20
var:



13^g Do this day noon wee sayled by the Logge ³²
 57 myles southe of 00: E. S. but by the varia-
 tion allowed the true southe is Est. $7 \frac{1}{2}$
 northerly: becompe by observation in the
 Latitude of 1. 17. S. Wee had the wind
 bettween the N. & the W. a fyne daly
 Gale & very fayre weather: *xxxxxx*

14^g Do this day noon wee sayled by the Logge 30
 47 myles the southe of 00: E. S. but by the va-
 riation allowed the true southe is Est. $6 \frac{1}{2}$
 North & 47 mynutes, 10 leagues. becompe by
 observation in the Latitude of 1. 4. S.
 Wee had the wind at the W. WNW. & WNW
 a fyne daly gale w^{ch} very fayre weather.

the Buntley stode on board.
 15^g Do this day noon wee sayled by the Logge
 46 myles the southe of 00: E. S. 30. & Est. 16. by
 the variation allowed the true southe is Est
 4. North. 15 leagues. becompe by observation
 wee had the wind at the W. WNW. & WNW
 a fyne daly gale w^{ch} very fayre weather.

16^g Do this day noon wee sayled by the Logge 40
 45 myles the southe of 00: E. S. but by the variation
 allowed the true southe is Est. 16. North
 15 leagues. becompe by observation wee had
 the wind at the W. WNW. & WNW
 a fyne daly gale w^{ch} very fayre weather.

17^g Do this day noon wee sayled by the Logge
 39 myles the southe of 00: E. S. but by the varia-
 tion allowed the true southe is Est. 16. North
 15 leagues. becompe by observation wee had
 the wind at the W. WNW. & WNW
 a fyne daly gale w^{ch} very fayre weather.

Lat. Ditto
 Lon. 21. 45. Current allowed but could not, by current
 getting us to the N^oward as by observations
 did appear, this day we had no observation
 the weather being cloudy but not trying
 the current by or stiffe way, for N^oward
 so I imagined we made an Est way. we
 had the winds all N. W. & NW. an easy
 Gale & very fayre & holl weather.

March. 10^g.
 var. Co. 5. 45. Do this day none, because the current falls
 still to the N^oward & Captoyn steered away
 SE. & we sailed by Logge 20 myles.
 Lat. 00. 35. We the winds all W. W. & S. W. little wind
 Lon. Ditto and 10 howers calme. So we all allowing
 Current I suppose we did but storme
 and went little or nothing on heads. by
 reason of the calme weather. we were
 by observation in the Latitude of 35.

19^g.
 var. Co. 5. 25. Do this day none we sailed by Logge
 22 myles, the course E. S. E. & we sailed
 at the 20^g. & NW. & NW. the barboard tack
 aboard, and having 10 howers calme &
 I suppose we went little or nothing on
 heads, here being a Current to the
 N. W. of 7 leagues in 24 howers. And
 being by observation in the Latitude
 of 46. 8. very fayre weather & holl.

20^g.
 var. Co. 5. 0. Do this day none we sailed by Logge 40
 myles, the course E. S. E. but we the
 variation allowed by course is Est
 8. being by observation in the Latitude
 of 41 minutes less of course by difference
 of Latitude was E. S. W. by, we had the
 wind but none by N. & by N. W. very neare

March 21st To this day went wee sayled of Logge 45
 1630 Miles, the course of Comp: Ebs: being by
 Variation in the Latitude of one degree
 southerly: havinge a small current to the
 seaward, And had the wind at the WNW
 & NNW: an easy gale w^{ch} w^{as} sayled w^{ith}

22nd To this day went wee sayled of Logge 73 miles
 the course of Comp: East, but my the variation
 allowed, the true course is Est. 4. 40 w^{ch} w^{as} by
 24 leagues we had no observation but
 by imagination in the Latitude of one degree
 havinge a small current to the southward
 w^{ch} w^{as} contrary wayled the variation. we had
 the wind at the SWN & WNW: a fresh
 gale, the weather close and rainy. —

23rd To this day went wee sayled of Logge 80
 Miles, the course of Comp: E 1/2 S, but my the
 variation allowed the true course is Est. 1. 20 S.
 19 leagues, beinge by observation in the
 Latitude of 1. 20. S. by w^{ch} it appears we
 have a current to the southward, we had
 the wind at the WNW. & NNW a fine gale
 w^{ch} w^{as} Rayne and lightnings all night:

Memorandum the day about winter the sayled sent for us into the
 Gulf, And declared unto us the best course to be taken to steere for Ormuz
 for havinge steered formerly Est. 2 1/2 S. & Ebs: touching to be in the Latitude
 of 50. or 40 minutes of Lat: wee havinge formerly a current to the seaward
 wee now found it felow to be in the Latitude of 1. 20. & 1. 19. by a general
 notice taken of all observations, by w^{ch} wee found a current to the seaward
 therefore wee agreed to steere away ENE w^{ch} wee supposed allowme the
 current would run in in between the Islands of Batta & Wintani. And agreed
 to make the effort to run in to the Gulf at best to be to the seaward
 so fast that wee might take the land of the opposite head of Wintani.

Sunday

Mary 24th at 1632
 vac: Co. 4th
 Lat Imaginad 00. 57.
 Lon. 26. 01

To this day noon was sayled I luggd 50 miles
 of course & comp: NNE. 2. NNE. 5. & ENE. 51.
 So the course by plan is 8NE $\frac{1}{4}$ northerly, and the
 lat of the port was had to be norward being as much
 as counterwayled by variation it is the true
 course of the myles sayled are 50, or 19 $\frac{1}{3}$ hours
 we had the wind variable at NNE. NW.
 W. of SW. SE. & E. we passed of Reyno
 Gundoer & Lige & minge. The wind at the night
 hazy & full of Rains. we had no obser-
 vation, but by imagination in the Lat: of
 55 mynutes 30' & then was steered E $\frac{1}{2}$ S.

7th day afternoon about one of the clock, we
 saw a fyne shoar and saw the Land in the fore
 every power to be a small Island wch a round hie
 mount all the top of it one house & it had 2
 of us, & the body of the Island bore NNE. some
 leagues off. this is the Island called Batta:
 at 1 of the clock the sunning was took in
 to sayle and hauled up for sayle & sprail
 in the brayles & lay a hie wch may sayle till
 till 4 of the clock the next morning we had
 a fyne gale all night at NW. wch sayle was
 as 24.

Monday 25th at 1633.

* This Island shewy
 as it is in the
 Colours of our
 it is one of the
 and was built
 is very rich
 shewy a good
 of all the
 1

To this day in the morning about 7 of the clock
 we saw a low rocky Island wch by the
 was no Batta & Nintam: we bore NNE $\frac{1}{2}$ E
 of us some 5 leagues off. we saw like wise
 the Island Nintam the N. of the
 bearing ESE of us all the day as yet it was
 calm or very little wind a small current
 setting us upon the Island Batta so well
 steered SE. about 4 of the clock
 afternoon we had a gale at NW
 ESE & ESE. till 7 of the clock and then was
 took

267.

all 4 of the blocks this afternoon the wind came
to the NW. we cleared our way, so we were very
dressed and set sail, of the 20. 19. 18. 17. 16. 15. 14. 13. 12. 11. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1. 0. * but
for the
of the
of the
of the
of the
we looked out all this afternoon for the show
we were expected would show us by a
broad, and found every glass of had
21. & 19 fathoms: about 5 of the blocks were
lost by hand load, and had 20. 19. 18. 17.
fathoms: but just all 6 of the blocks had had
a cast & had showed water, we had not expect-
time would not be with 100 fms had, and you
found again & had but 10 fathoms. & had
no more nor less 3 casts together: the next
cast had had about 10 fathoms, the next
cast no ground by his hand by the
stages the 100 fms load and had no ground
at 60 fathoms, & you heard it in the head
& had no ground at 100 fathoms: this ship
did not show it self by a broad as it
ported, but by a dipping easy to be seen
as if it had been some current: on
wind when was in, Burley went over
on head of us for the next 100 fms
it not, but (as the sailors) we had no harm
& all the 100 fms of Nimitan with the
& it had 100 fms: some 300 fms of

Note:

March 1633.
27

20 This day none was had sail by the
log 30 miles to the N. 27. ENE
9. & 20. 2. was by reason of the vari-
ableness of the wind in coming all NW. N. W. by
N. N. E. & E. a fine gale of sometimes 10
wind, but a few were N. E. & E. This mor-
ning by broad a day we saw the Land of Su-
matra which is a very high land, but one word in
quite hill which is somewhat sharp at the
top

277
 All out of the slacks this morning of Salt Light hill
 & in low NE of us, we supposed to be the
 Gill very markedly & a man: with light all
 the last night & to this day none was had no
 ground at 100 fathoms - till 4 or 5 lights this
 afternoon it was all mud, then we had a breeze
 out of the sea; and steered NE by E 1/2 E by 2
 low hills one a great deal higher than the
 other, we were supposed to be the glands of
 Corro. but afterwards they proved to belong to
 the Goffe glands, by light by us we had run in
 about 5 miles by 1/2 pm. And had not now found
 the glands from the land at 6 of the slacks
 light sundrings we had by the great gables
 and hauled in 2 or 3 fathoms and lay on haul
 by 2 miles, and by the grade to the southward

278
 This day morning at 4 of the slacks we
 got 2 fathoms by the wind at 1/2 NW: and
 afterwards of wind came to the NW. & steered
 NW by Goffe hummocks, and at 12 of the
 slacks grounds of low land round about
 1/2 pm, Goffe hummocks are to the NWward
 of Corro glands about 2 leagues. & when
 in the slacks we saw the glands of Corro
 we are in low flat glands, and by the
 end of us about 4 leagues off. about 10
 of the slacks in the salt island, and were
 some to an anchor in 50 fathoms. at one
 of the slacks this afternoon we were
 by the wind at 1/2 NW a high breeze steered
 NE by NE at head by the soundings from 55
 to 50. 45. 40. 35. 30 fathoms, and at 7 of
 the slacks this evening came to an anchor in 30
 fathoms, and were all night had the light wind
 at 1/2 NW by NE, by 1/2 NW & light wind all
 the night, to head by the wind at 1/2 E

oury sand
 fowls
 moor.

Martij 29th
at 1033

Lat. of Erroo is
0.25. 10th Part
Comp. 3.37

In Gethode
of Erroo.

This day morning betwene 7 & 8 of the clock
wee weighed and set sayles & steered on east
& els by wind bearing starre southerly a hund
reds, and had very fayre soundings from 30
to 30. 29. 28. 27. 26. 25. 24. 23. 22
10. & 9 fathoms, then wee took in 2 sayles
& came to an anchor in 9 fathoms by the ouer
ground, the innermost fland bearing e. s. e. of
us, the outermost s. e. s. & the outermost
fland s. e. s. some 2 myles & better from the may

Lat. 20 in gregula feculorum

Marsij 30th.

wee weighed 2 anchors and came in betwene
the innermost fland & the mayne for some Sunday
in you may bee bound to come into 6 fathoms
& 5 ³/₄ of the fland & then beere up from
the fland and you shall haue butt 4
fathoms and 4 ¹/₂. as you come within a
stone grow of the shore for you may
come so near & then anchor w^{ch} in a
rather length of the shoare of meadow fland

memorandum that the Lat. of Erroo was
found by 2 severall observations is
29 25. & the 2 days before 21 8. &
the variation of the Compasse is 3. 37.
And as near as I could gett it flonely
E. s. & W. s. the true course is E. s. & N. W.

Amplitude magnetic — 14 — 15
Amplitude true — 10 — 30 subtrah.
variation: Comp. 03 — 37
Westerly variation

April 169
av: 1632

104
53
32

269 bays of
y^y.

Left our rige by day light we went aboard
w^y of longe boats, & shallop, & of skiffe
for y^y. & brought aboard 269 bays
of y^y. viz: for yr longe boats 104.
in yr shallop 53. & in yr skiffe 32.
have not all yr last night & night of guests
w^y yr wind variable all about yr compass
toward 7 of yr stroke this morning yr wind
att yr 8 a fresh gale w^y yr like m^yg^y

April
Bosmp

109

my mate Elmore returned from Pri-
aman w^y letters about 4 of yr stroke in
the morning, and we read. went w^y
him to yr again in yr shallop &
brought from the ship about 9 of yr
stroke this same day.

199
2 bays of goods
ashore.

my mate Elmore returned aboard the ship Dechaune
w^y me read from Priaman about 6 of yr
stroke in yr morning

209

my mate Elmore went again for Priaman
in yr skiffe & brought from the
ship about 5 of yr stroke in yr morning

209

from the same day my mate Wilson brought
from the ship about 5 a stroke in yr afternoon
noon in yr skiffe of Diverse Goods for Bantam

239

being Easter Day. the frigates boats came
from Priaman to us to Doro & the same day
of Barge went to Priaman w^y 2 bays of
goods. No. 2. No. 4. C.A. & me read had a bale
of goods ashore

249

about 4 in yr afternoon yr shallop returned to Priaman

259

the frigates boats came to us to Doro about
9 in yr morning & about 10 of yr skiffe shallop
went to Priaman for yr y^y.

29

16

nd

98. May 1633
 because of the day
 Elmer went about 10 of the clock my mate
 Elmer went in of longe boats to Wri-
 amon for more wood.

10th
 Out saw a faye in of offen some from
 of Spitzward way was in Buley in of
 of Elmer full of wood

Sunday. 12th
 of of Timan full of wood came to an
 anchor by us. about 3 of the clock ^{in the}
 galleye were all Cuttating. & brought
 about 1/2 of the load of paper. & had
 no more to say ~~and~~ as they wente home.

13th
 my mate Elmer returned from Wriaman
 with 90 barres of wood. and of same day
 of of Timan full of wood hauled aboard of
 us & was returned out of her 160 barres of wood.

13th
 from the same day about 2 o'clock in of
 afternoon Mr Buley withed of full of
 for Cuttating in for day. to more of wood.

from the same day my mate Elmer went
 to Wriaman about 4 o'clock afternoon.

16th
 about 6 of the clock ^{this morning} my mate Elmer return
 from Wriaman with 145 barres of wood.

17th
 about one of the clock in of afternoon my
 mate Elmer went again in of longe boats
 to Wriaman of Mr Barlow way home. etc.

18th
 Saturday.
 of Captayn Piles a wild dog a sheard
 having had divers tymes before sport in
 hunting them, but killed none before.

mate May 21/1633
23
About 1 of the clock this morning my mate Elmore returned from Dryaman in the Long Boate wth 167 bagges of Pepper. 69

23
About 1 of the clock this afternoon my mate Elmore went to Dryaman for more Pepper.

26
Sunday
About 7 of the clock this morning the Pinnace Intelligence her Boate arrived aboard the ship wth letters from Dryaman the sayd Pinnace brings here, for that she could gett little or no Pepper at Cuttaminge or at Padam havinge bene at both places the Reason to mee unknowne. So from the same day ashallop went to Dryaman wth a Boate of goods & mery.

27
Ashallop returned from Dryaman wth 500 bagges of Pepper.

28
The Pinnace Intelligence came to Telo and came aboard of us & delivered her Lamage of Pepper aboard of us w^{ch} was about 27 Cams.

30
About 1 of the clock this morning one of our servants named mi Barlow dyed & was buried of sand day.

31
About 4 of the clock this morning the Pinnace Intelligence gott safe bound for St Laurence to seek for more flote.

June 15th 1633
my mate Elmore returned from Dryaman wth 159 bagges of Pepper havinge bene 8 dayes on his voyage by reason of fowle weather & wind contrary.

39
my mate Elmore went to Dryaman for Pepper.

69
my mate Elmore returned from Dryaman wth 160 bagges of Pepper. And not with awayed to Dryaman the sand day. This day also the boy Bastard dyed & was buried.

Sunday: This day being whitsunday I shalpe out m
 Junij: 9th. a: to payaman to heare news of I long-boate
 1633. fearinge some of the men were hurt by ye
 reason one of the men was salt over the
 along the last by me they were kept by
 it rather: I had 2 swordes & 2 halberds taken
 away by the flurries of force in the night:

109. I shalpe returned from payaman & Brou
 word that 2 men were all well but they were
 benighted, they being no better to ^{some} all night

110. I spent more time aboard at Derou & men
 some woman, who had formerly felt 3 or 4 days
 on the: who had been also felt the English
 jumps on the: they were surprised by
 about 200 men, & they some of
 of the into the mountains: &c.

120. I long-boate arrived aboard from payaman
 and my mate & more of Brou: 17th baggage

130. was rigged & came from Derou Road to a
 to ride my out met came out to get good
 of the fland & had 3 falyans & a foote
 by wall at low water & 1/4 hells fowle
 at 1/2 flood: we came to an anchre about
 a myle from the N most fland. it be-
 ringe N 1/2 W from us. the middle most
 fland bearing N 1/2 W, & the south
 fland bearing W of us about 1/2 a myle off
 Passaman hill bearing N 3/4 E of us. & of
 head of payaman E 1/2 S of us: we came
 to an anchre in 1/2 falyans & were told in
 7 falyans, & I was most anchre lay in
 falyans. our anchre by night to ye westward
 of the eyes to the N E. bearing eastward &
 I was wind, which toward with the under
 of fland what it was with the of boates on the

June 17th 1633
 2 Long boats went to Fryaman for more of Fry.
 20th June
 The day end of 2 men William Sparks
 dyed & was buried on the Island.
 Sunday 16th
 2 Long boats returned from Fryaman
 wth 155 bagges of Fry: -
 21st
 About 6 of the bests of Fry returned & ships
 wth 170 bagges returned from Bantam my wife
 Gilson & the rest of the men in health
 onely of John Tallard dyed & was
 buried at Bantam. His wife also all
 2 marriagealls came from Deroo aboard -
 partund onye to be gone the next day.
 22nd
 2 Long boats went to Fryaman for Fry.
 The day also dyed one John Poole of a fever
 24th
 2 Long boats returned from Fryaman wth
 150 bagges of Fry: The day also one Trade
 & one Jimmy went away to Deroo & stayed
 byed in hope of more Fry. -
 June 1633
 25th
 One voyage of 1000 fowls from Deroo
 rode bound for Fryaman & Boree
 of wth the wind at eye: little wind
 not overcast about 7 of the clock in the
 morning & at 10 of the clock it grew rather
 so we went to an anchor in 1/2 fathoms
 about 12 of the clock was overcast againe
 wth the wind at 11. & wth w: a hard gale
 & showers of s. & sbe. till we had 16 fath
 and then showed sbe: & having brought
 the fowls most hummocks betwene the
 2 fowls most plants was seen betwixt
 the 2 fowls. It by betwixt Deroo &

July 4th 1633. ⁷³ The Bantam Boats went against to Deroo (10)

5th The Longboat returned from Deroo wth 27 busses of prey & 15 busses of Lira.

Monday 7th The Bantam Boats returned aboard the ship wth 50 busses of prey.

10th The Bantam boats went to Deroo. we had this afternoon a storm at the NW w^{ch} broke 2 single cables, the net were 2 shales broke the shell of both full a new cable borne very near the middle of the strand before we could bring her up to it.

12th The Bantam boats returned from Deroo wth 54 busses of prey & 10 busses of Lira.

From 13th The Bantam boats of my self in 2 Longboat went to Deroo for prey. —

13th I returned aboard the ship wth 137 busses of prey. The Bantam Boats being sent by me to Deroo to buy the Lad mice of prey.

Monday 14th The business about 11 of the clocks found wth the Longboat for Deroo. — of the 15 day I went up to Paganan under the least hand, having had some work all the last night & all the day. about 4 o'clock in the afternoon I departed wth the wind of the shore of the 16th day in the morning I went to Deroo.

17th July I returned aboard I ship w^{ch} I had
 1633. Boat w^{ch} 5 hogheads of oyle & 4
 Bayles of goods. The morning after I
 Samuel Lane = Bantam boat returns from Passaman
 & goes dyed in the boat w^{ch} I was & from there to pay away to
 mint from the ship, & brought away of Turkey w^{ch} I
 shewd.

18th July. Was withed & sawe in betwixt of 2
 my mate, part of the foremast fland, & brought 3: part of
 Helmer dyed the middlemost fland w^{ch} by N^o: of
 of the foundis. It is to say the part of the fland; the
 & Danyell body of the said fland bearing NW:
 Danyell of a the No: of fland bearing NW 1/2 N^o: &
 fland of the the foremast fland bearing SE 1/2 S
 beyond bay in and grand and the is the part of the
 a ship of goods of the.

20th July. Christopher Giesen dyed of a fland & 70
 flux of one George Dickison dyed of
 a pestilent fland. I was beyed by
 in a grand on the No: of the
 3 flands of Payaman.

24th July. I sawe a swarme of bees the biggest
 of greatest quantity of bees I ever sawe
 they flew about the ship and after a quarter of an hour
 they alighted under the main top: & it
 was about 2 of the clock in the afternoon
 & they remained there till 11 of the clock
 the next day and then flew all away.

25th July. Was sent sayle from Payaman route
 bound for Bantam: into the w^{ch} part of
 load sent a good ship in safety: fland

July 29th 1635
 Having set from Pryaman wth 4th sails
 at 10^o 11^o of 12 fathoms, you may be bound to come
 under the broad way to full length between the
 2 Islands about 1/2 a league to the SW of the
 for there is a fathoms rise to the rocks north
 so we sailed 8^o 20 in 25 fathoms of the
 north getting us off we ran into 30. 30. &
 40. 44 fathoms: about 1/2 of the rocks this
 we came to an anchor in 37 fathoms, being
 about half way & better between the
 of Pryaman & Cuttango. 4th B^o and
 26th of the morning about 4 of the rocks were
 the first sails wth 4th sails at 12: little wind
 about 10 of the rocks it grew calm so we came
 to an anchor wth a couple of hours: about
 one a clock we weighed wth 4th sails
 and stood into the bay of Cuttango till 6 of
 the clock the wind and you came to an
 anchor in 30 fathoms: the fathoms of Cuttango
 bearing 1/2 B^o of us we ran by
 2 shoals: the one without the outermost
 of Cuttango wth 4th sails 3 leagues from the
 innermost, & the other a little within the first
 fathoms they have not above 20 fathoms
 on the N. but 20 fathoms close by them: /
 the best markes for them is to look well
 out for they show the rocks in a green
 green spot and a Rowing sea upon them
 at a clock
 This morning we weighed and first sails wth
 the wind at 10: a fine gale: and having
 1/2 an hour of 8. B. E. we came
 away by another shoal, we came with out
 in 11 shoals in 1/2 a mile off wth a
 black Rowing sea: upon it but deep
 water was in

July 27th
1633

Latitude by
Observation
01.00

I shadow had 10.12. & so to 3 fathoms depth
by int. About 20 of the ricks were rams to
an anchor it being a calm, we did cast
a haul for in 40 fathoms: the bluffs point
of (Padonga) being 28 of us about
6 miles off: about 12 of the ricks were
withdrew & set sails we go with all
& stood into the shoar: at 6 a rick
after noon it being calm we came to an
anchor in 30 fathoms.

Sunday
20th

Early morning about 4 of the ricks were
& set sails we go with all 9th & 10th
& 8th & 9th: about 10 of the ricks in
calm we came to an anchor in 60 fathoms
we 2 haul for 60 fms. went to the
about 12 of the ricks at noon, we were
by the wind at SW & NW: & came close
by a great shoar we showed it feels as
all the off so we very green sea: upon
it there is 4 fathoms upon it but we
2 tables being no ground at 60 fathoms
we came very near it but to go for
board of it: there is a deep bay upon it
we had a small island in the bottom of
the bay about 1/2 of us & the bay
about 3 in the afternoon we got about
the point which is high land & some
to the islands as they may well be & note
that when you come upon 2 leagues of
the point the islands to go further
in great hummocks & not flat as the
do the norward. The point is 22 leagues
from Carvo. about 5 of the ricks left
noon we came to an anchor in 43 fathoms
our ground, & so it is along the coast
Carval banks & is the great plain
or heads land (as it may be called) we

They are called
the Isles of
Sibila

No fathoms
on the coast
by night.

July 29th 1633. This morning we weighed & set sail wth 2
 words at 23. and stood along the shore in 30
 & 36, & 40, fathoms a current setting us off to
 sea into 46 fathoms & some 2 miles we came
 to an anchor in 46 fathoms being 1/2 way off
 a bay at 10 miles where stood a round
 hummocky land by 10 or 12 miles of 2 leagues
 as broad as we were as by the compass bearing
 N 1/2 E of us about 3 leagues off & 1/2
 about 12 a clock at noon we weighed & set
 sail wth 23 & stood into the bay about
 about 10 of the clock we came to an anchor in
 29 fathoms the north of a bay, at 10 miles
 where stood one land by 10 or 12
 of us about 1/2 mile off, & 1/2 outmost
 land to the southward bore 8:8. B. 5. of us.

23. The currents about 4 of the clock were wth
 & set sail wth 23 & stood into the bay about
 10 of the clock we came to an anchor in
 29 fathoms the north of a bay, at 10 miles
 where stood one land by 10 or 12
 of us about 1/2 mile off, & 1/2 outmost
 land to the southward bore 8:8. B. 5. of us.

30. The currents about 4 of the clock were wth
 & set sail wth 23 & stood into the bay about
 10 of the clock we came to an anchor in
 29 fathoms the north of a bay, at 10 miles
 where stood one land by 10 or 12
 of us about 1/2 mile off, & 1/2 outmost
 land to the southward bore 8:8. B. 5. of us.

31. The currents about 4 of the clock were wth
 & set sail wth 23 & stood into the bay about
 10 of the clock we came to an anchor in
 29 fathoms the north of a bay, at 10 miles
 where stood one land by 10 or 12
 of us about 1/2 mile off, & 1/2 outmost
 land to the southward bore 8:8. B. 5. of us.

George Robins
 of a ship

July 30th
at 1633
 The morning about 2 of the clock we
 was wakened by the wind at NE a
 fine gale: & the wind abated 8 or 9
 the: we saw 3 or 4 small isles to
 the westward of the Island of Andrapora
 and about 11 of the clock it became calm
 we went to an anchor in 30 fathoms
 about 4 miles from the mayne: the
 fore sayle bore bearing 30° of vs
 the main of the Island of Andrapora
 bore 80° of vs and the Island of
 the to go Nwards of the: bearing
 the Islands distant one from the other
 most of vs 3 or 4 miles off.
 about 12 of the clock we wished by the
 wind at W: & WNW & steered for
 SE. B. S. in 3 miles of the mayne
 about 10 at night we came to an
 anchor in 10 fathoms over the ground
 the Island of Andrapora 80° of

August 1st
at 1633
 The morning about 9 of the clock
 was wakened by the gale by the
 wind at NE: & steered 80°: standing
 in for Andrapora: found at break of day
 we saw a ship to the foreward of vs
 about 4 miles of vs a fine round
 or low paper of all 7 of the clock we
 saw another ship at an anchor
 on heads of vs, who we supposed to be
 in the trade of Andrapora: we saw
 the burning hill also with a sharp
 peak hill at the top of a list of
 on the way top of it: about 4 hrs after
 we came to an anchor in 12 fathoms
 ground the Island bearing WNW of vs
 outmost land to go southward S + W, of a
 round hill on the low land N + E + N.

the says hill is
 the top of the
 of Andrapora.

In the trade
 of Andrapora
 the says hill

1633
 Havinge stayed 7 dayes at
 Andrapore havinge to gett pay, he might
 wuld make voyage out to India & India
 wherefore this day it was determined to set
 sayle by a consultation, & havinge set
 the course of 100 to 2 sayles of night
 present: this morninge about 6 of the
 clocke was set sayle and stood offe SW
 of SW by S: & SW, & at noon the ^{so.} pay out of
 the bay of Andrapore bore SE: of us: &
 the sayle was more aboard the (Dutch) was
 lay by the ^{so.} all this day and all night more had
 the wind at NW & WNW a fresh gale of speed
 SW & SE: was had 30. 35. 37. 30. & 39
 fathoms till & a far out of the SEW: -
 17: This morninge about 10 of the clocke in
 sailment, & so continued till past five when
 the wind came to SE WNW with sayle till
 9 of the clocke afterwards some weather &
 little wind was shewed alonge SW & SE
 at 6 of the clocke we came to an anchor in 16
 fathoms about 1/2 leagues from the sheere
 about 11 at night and weathering by the wind
 at 8: & by 10 of the sayles were set
 in good sailment so we came to an anchor
 againe at 12 of the clocke in 18 fathoms
 with had a current to the SE of about 3
 leagues a way: after this till 3 the next
 morninge
 18: This morninge at 3 of the clocke with
 weathering by the wind at 2 1/2 a fresh gale
 of speed & runninge SE & SE by S about
 5 of the clocke was had the wind at NW
 a fresh gale of about 9 more saw the hill
 sugar loaf hill it bore ESE of us, we
 saw also a number of small & long boats to
 the SE, & by 10 of the clocke was
 aboard the

Augusty
10th 1833

Lat. 3. 31.

my horse m'ysant, has belonged to father
I was bound for Duroo my fall of p'p'p'p'
at noon the sugar loaf hill was 21 falgams
by observation in the latitude of
3rd 31. we had founding all the afternoon
20 falgams. I went about 3 leagues from
the shore: at 9 of the clock got night and
came to an anchor with 20 falgams
21 falgams. we had raynd. & little
my horse wind at 8. at little. was

Sunday
11th

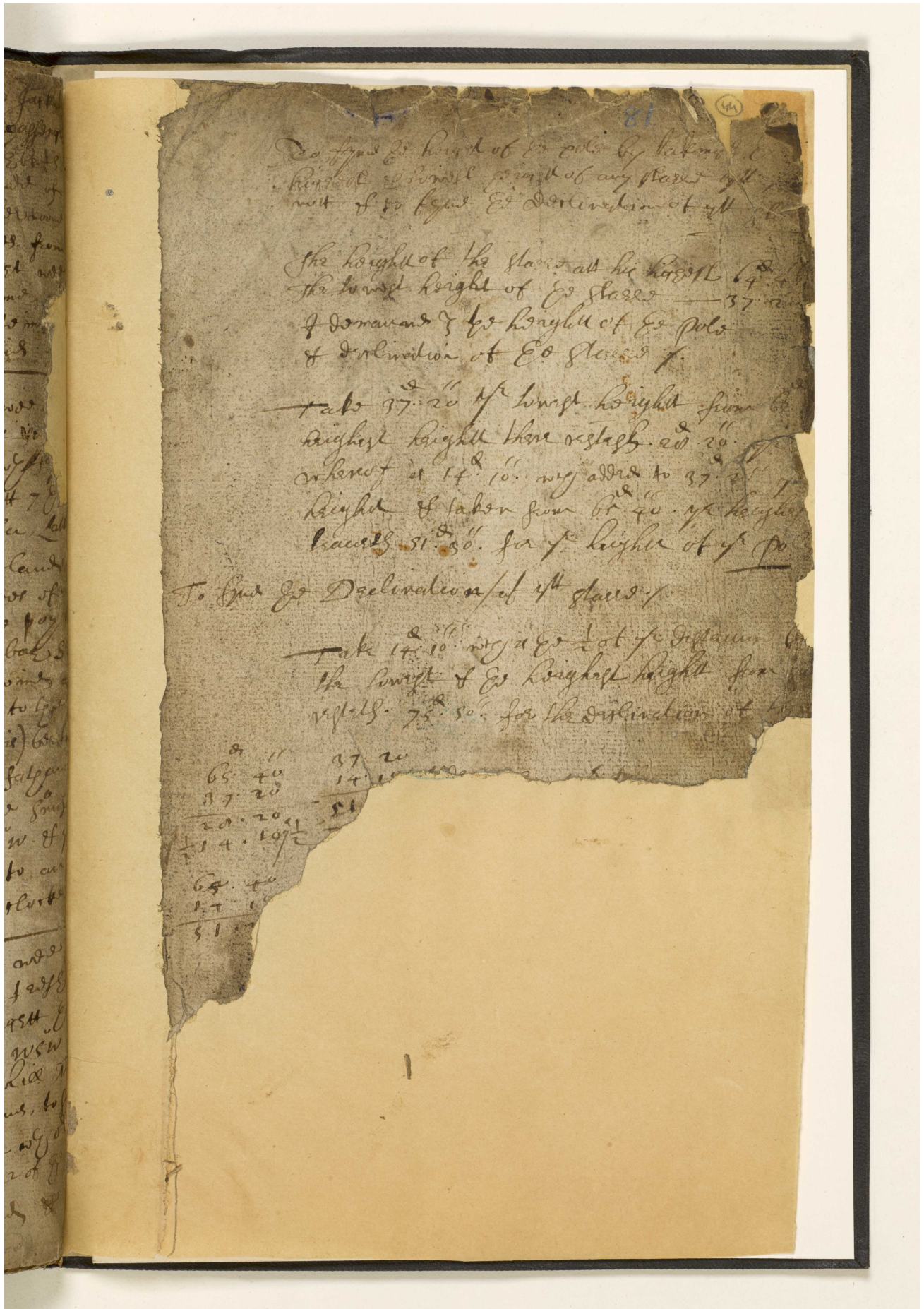
Lat. 3. 51.

got morning about 4 of the clock and
my horse wind at 2. little wind & we
it continued little wind till noon and
we had raynd. General at 7
morning I saw the Islands of Baurvola
latitude by observation 3rd 51. the Islands
Baurvola being 2nd of us 3 leagues off
& the sugar loaf hill 2nd of us. I got
at 7 Land to go forward of hill about 3
about 2 hrs afternoon we had 20 falgams
with a fine breeze and I passed to the
2nd ward of the Islands of Baurvola (7 is) with
the Islands of 20 falgams & had 14 falgams
all along, then having brought the
Islands my horse wind at 2. 55. & of
of the 2. 2 miles of the we came to an
anchor in 12 falgams. at 7 of the clock

12th

the 2 points of
Brouwer of the
Islands low 5
was

got morning about 4 of the clock and
my horse wind at 2. 1/2. at 2
of the 2. 2 miles of the we came to an
Islands of Baurvola the sugar loaf hill
of the 2. 2 miles of the we came to an
anchor in 14 falgams, to
for I shall who went to Baurvola with
m'ysant, who went to Baurvola with
slight of the wind & the wind



81
 Do find the height of the pole by taking
 the height of the pole of any place of
 the world & the height of the pole of the
 world & the distance of the pole

The height of the pole at his height 64
 the lowest height of the pole 37
 & the distance of the pole of the pole
 & the distance of the pole of the pole

Take 37.20 of the lowest height from
 the highest height there is 20.20
 which is 14.10. and add to 37.20
 the height of the pole from the pole of the
 world 51.50. for the height of the pole

To find the distance of the pole of the pole

Take 14.10. and add to the distance of the pole
 the lowest of the pole of the pole from
 the world 75.50. for the distance of the pole

65.40	37.20
37.20	14.10
20.20	51
14.10	
65.40	
14.10	
51	

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