

Colonel J. D. Lewis
Naval War College
Newport, R.I. 02840

DIJOSTW

DR. RAINEY

CO SA

January 7, 1969

CS
at Co SA

Elizabeth K. Ralph
The University Museum
33rd & Spruce Street
Philadelphia, Penn. 19104

Dear Beth:

If you recall, our last correspondence concerned a C-14 dating of a piece of oak from a Roman lead stock anchor. Whatever happened to that?

The subject now is proton magnetometers. Anna Marguerite McCann and I have been working on the port of Cosa. I believe you talked with her several weeks ago concerning C-14 dating of some wood from there. I understand from talking with Michael Jameson and George Bass that you have been doing some extensive work in Italy using the proton magnetometer. Wasn't it Sybaris? You must know a dear friend Paola Zancani.

I'm interested in the location of tufa-mortar docks, under 1.5 meters of mud in a silted up inner harbor at Cosa. During the summer of 1968 we discovered a small section under the mud. This is also the location of the wood that you discussed with Anna. I'm interested in locating and mapping the extent of the dock throughout the inner harbor and wish to use a proton magnetometer to do the job--prior to a complete excavation.

I understand that your results have not been too satisfactory--is it the soil or the depth--or both? The material covering our docks is dirt mixed with some limestone rock, mud mixed with fine sand and the target is a tufa and mortar platform (docks). There are pottery shreds mixed in both the dirt and the lower mud-sand layer. The depths vary from 1 meter to 1.65 meters, the average being about 1.5 meters below the surface. The soil is moist on top with the water table beginning at the level of the tufa-mortar dock.

Can you, based on this information, give me your opinion of the possibility of tracing our dock with a proton magnetometer? I would appreciate your thoughts.

Sincerely,

Dave

J. D. Lewis

January 10, 1969

Colonel J.D. Lewis
Naval War College
Newport
Rhode Island 02840

Dear Colonel Lewis:

Thank you for your inquiry about proton magnetometers, etc. I suspect that the tufa and mortar platforms at Cosa would present very little magnetic contrast, but there is the possibility that they would be a little less magnetic than the surrounding mud and sand. The situation might be similar to the Long Wall at Sybari's (see enclosed reprint) which is readily detectable.

We are now using cesium magnetometers which are more sensitive than proton ones. I think that this extra sensitivity might be needed at Cosa. There is the possibility that I shall be travelling to Turkey about the end of May and if so, I could stop en route, either early in June or possibly July (after the Turkish work). I have a Fiat in Rome, so transportation is no problem. I would need two intelligent workmen to assist with the survey, and would appreciate it if my living expenses could be paid while there.

I know Paola Zanéani very well and hope too to work with her again this spring.

If you do want me to come to Cosa, could you tell me the extent of the area to be searched? This will help in determining the length of time needed. I shall be in Mexico from Feb. 1st to mid-March, and would like to make plans for the spring before I leave.

We seem to have forgotten the piece of oak from a Roman lead stock anchor. I am sorry about this. We are now processing it and should have the C-14 date in a month or so.

Sincerely yours,

Elizabeth K. Ralph

EKR:zb

14 January 1969

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The University Museum
University of Pennsylvania
33rd & Spruce Streets
Philadelphia 4, Pennsylvania

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Anna Marguerite and I are pleased that you can assist us and look forward to working with you. Thanks also for the information on C-14 dating on my Roman lead stock wood.

Colonel John D. Lewis
Naval War College
Newport, R.I. 02840

Sincerely,

John D. Lewis

John D. Lewis

January 24, 1969

Colonel John D. Lewis
Naval War College
Newport, R. I. 02840

Dear Dave:

In reply to your questions, if all worked perfectly, an area of 3600 square meters could be covered with a cesium magnetometer in two days, but it would be safer to allow a week. The high grass and weeds would slow things down considerably and would make it hard to lay out the grids, but probably not impossible.

If there are no magnetic contrasts and we find it necessary to try resistivity or other methods, these would be much slower.

We hope to have the C-14 date within two weeks. The first preliminary count indicates an age of close to 300 B.C., but we shall count it two more times.

Sincerely yours,

Elizabeth K. Ralph

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Naval War College
Newport
Rhode Island 02840

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Sincerely yours,

Elizabeth K. Ralph

EKR:zb

COSI

January 16, 1969

Signora Paola Zancani
80065 Sant'Agnello & Sorrento
Napoli, Italy

Dear Paola,

Many thanks for your Christmas letter. I am trying to make some plans for the spring before leaving for Mexico--to be there in February and March.

There is a new type of instrument that detects changes in dielectric constants. It might work well for copper ores, especially if they contain more copper oxides than sulfates. Do you happen to know the types of ores and how deeply buried the deposits might be?

If you want me to look for these, does it suit you better in late May or late June-early July? I may have to spend about a month in Yugoslavia.

Please excuse the haste.

With best regards,

Elizabeth K. Ralph

EKR:jms

January 24, 1969

Colonel John D. Lewis
Naval War College
Newport, R. I. 02840

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Sincerely yours,

Elizabeth K. Ralph

[COSI]

[PAOLA ZANFANI]
80065 - S. Agnello (Napoli)

March 21st. 1969

My dear Beth

This answer to your letter of Jan. 16 was not written before, because you told me you were leaving for Mexico and would not be back in Philadelphia before the end of March. But, during these 2 months, I have been often in touch with Fro and have tried to work out plans... also concerning you! When I first wrote about searching for coppers in Calabria and asked if you had any instrument to use for this purpose, I had not the faintest idea about the existence of ores in the region. It was only a dream of mine after a guess on ancient texts. And I smiled when you asked me if I knew the types of ores - hoping for copper oxides rather than sulfates - and how deep they could be! But I have had much luck - as it often happens in my archaeological researches - these last weeks and have found out that one of those funny local chaps claims to know quite a lot about deposits in my area. Truly I would not dare rely on his assertions, however for the time being I have quoted ^{in my paper on Temesa} his articles published in a Cosenza newspaper and drawn out of them what I believe we can use as a starting point for checking on the ground. I enclose a summary for you; please keep it (or have it typed on better paper than I can use for air-mail) to start your work on the site. I shall provide good local maps for you to find out the spots ^{that are} named - Fro told me - and has written again recently - that you

(Japan) always 2. 20000
POW 219 2000

will be busy in Yugoslavia next spring, but that
you will stop for a while in Calabria, with them
at Ciro and for my research in the "hoped Temesa"
area. This should be in May.

^{or summer}
I have read a paper at the Academy in Naples and
hope to get offprints before Easter. Very briefly the
story is: there was somewhere in Calabria a town called
TEMESA in greek times, TEMPSA by the Romans, definitely
prehellenic, since heroes sailed ^{there} from eastern countries to
exchange iron with copper; Homer tells us, and this means
before the 8th cent. b.c. I thought of Temesa and of
copper ores, following the extraordinary quantity of bronze
found in early graves at Francavilla and other places on
the hills all around the Sybaris plane. In such early
days - when commerce was rare - people had to use
the raw material they found on the spot and developed
techniques, according to local possibilities. But in all
respectable books Temesa is located much farther south:
wrongly. I believe, after reading accurately the ancient
texts. Now I have quite good evidence in favour
of this idea: there are bishops of Temesa who moved
later to Malvito and then to S. Marco; so ^{Temesa} must have
been very near. ^{Later} I found out there seem to be copper
ores not far. I trust, if we join means, we shall
find the spot: your job should be to detect the
copper ores. It would be great fun for us
all and a wonderful opportunity for us to work
together. Love and arrivederci fairly
Please forgive the scribble! —

Copper ores?

Area: Prov. of Cosenza, Com. S. Donato Ninea.
 Mainly in the valleys of the rivers Grondo & Galatro
 also named Grondi & Fiumicello.

materials

Place:	Gafaro Malopasso	malachite in green spotted crusts azurite earthy, surface altered, containing cuprite in particles or globules -
"	Sorgive	lode (3-5 cms. thick) of malachite & cuprite.
"	Adriano	lode (thin) of malachite & azurite
"	De Angelis	" (5 cms.) of malachite & cuprite.
"	Calabrie	lodes " " " "
"	Elmo	layer of sandstone "soaked" in copper carbonates: "each cubic meter of mineral should produce 107,6 Kil. of copper."

(this last sentence sounds incredible!). He speaks also of
 lodes thick from 3 to 10 cms. of malachite and copper silicates.

Malachite should be copper carbonate $[Cu(OH)_2CO_3]$.
 Azurite " " basic copper carbonate $[2CuCO_3]$
 Cuprite " " cuprous oxide $[Cu_2O]$.

He has surely not dug nor drilled, therefore all this
 should be easy to check on the surface... unless it
 is nonsense!

2 April 1969

Elezabeth K. Ralph
The University Museum
University of Pennsylvania
33rd & Spruce Streets
Philadelphia 4, Pennsylvania

COSA

Dear Beth:

You'll recall that my 14 January letter indicated I'd send a map and aerial photo to orient you on the area at Cosa.

Map 1. shows you the area of Ansedonia from Rome. The driving time from Rome on the Autostrada to just North of Civitavecchia (not shown on the map) and then the Via Aurelia to Ansedonia is about $1\frac{1}{2}$ to 2 hours. You'll note I indicated on Map 2. the location of the Hotel L'APPRODO and the area of the survey. Photo 3. shows the view of the whole area, and Photo 4. a more detailed view of the area.

Professor Brown will be at Cosa working when you arrive. You should go directly to the Hotel L'APPRODO and see Mrs. Bruna Di Chio, the owner, who will take care of you and tell you how to find Prof. Brown on top of the hill.

If you arrive in Rome and need help call the American Academy at phone no. 58 86 53. They can most likely put you up for the evening if you come in late and don't wish to drive North. If you desire to call Hotel L'APPRODO the telephone no. is 71262 and 58016, the exchange is Orbettello (also used for the address, ie., Hotel L'APPRODO, Ansedonia, (Orbetello), Italy.

home no. = 588 495
studio = 582 566

~~588467~~ Via Aurelia

I'll have a copy of a larger scale drawing of the area copied next week and send it on to you then.

If you can let me know when you expect to arrive I'll make the arrangements for you in Rome and Ansedonia. If this is not possible, I suggest you let Prof. Frank E. Brown, American Academy in Rome, Via Angelo Masina, 5, Rome, know of your schedule, or use the address at Ansedonia if you write after May.

Please let me know if there are any questions I can answer.

Sincerely yours,

Dave
J.D. Lewis

Col. Lewis
Naval War College
Newport, R.I. 02840

Cosa

In chg. Miss Anne Laidlaw
Foreman - Ego -
show us roads
& site

show interest
Dusk
about 1.30

29 May 69
Newport

Dear Beth

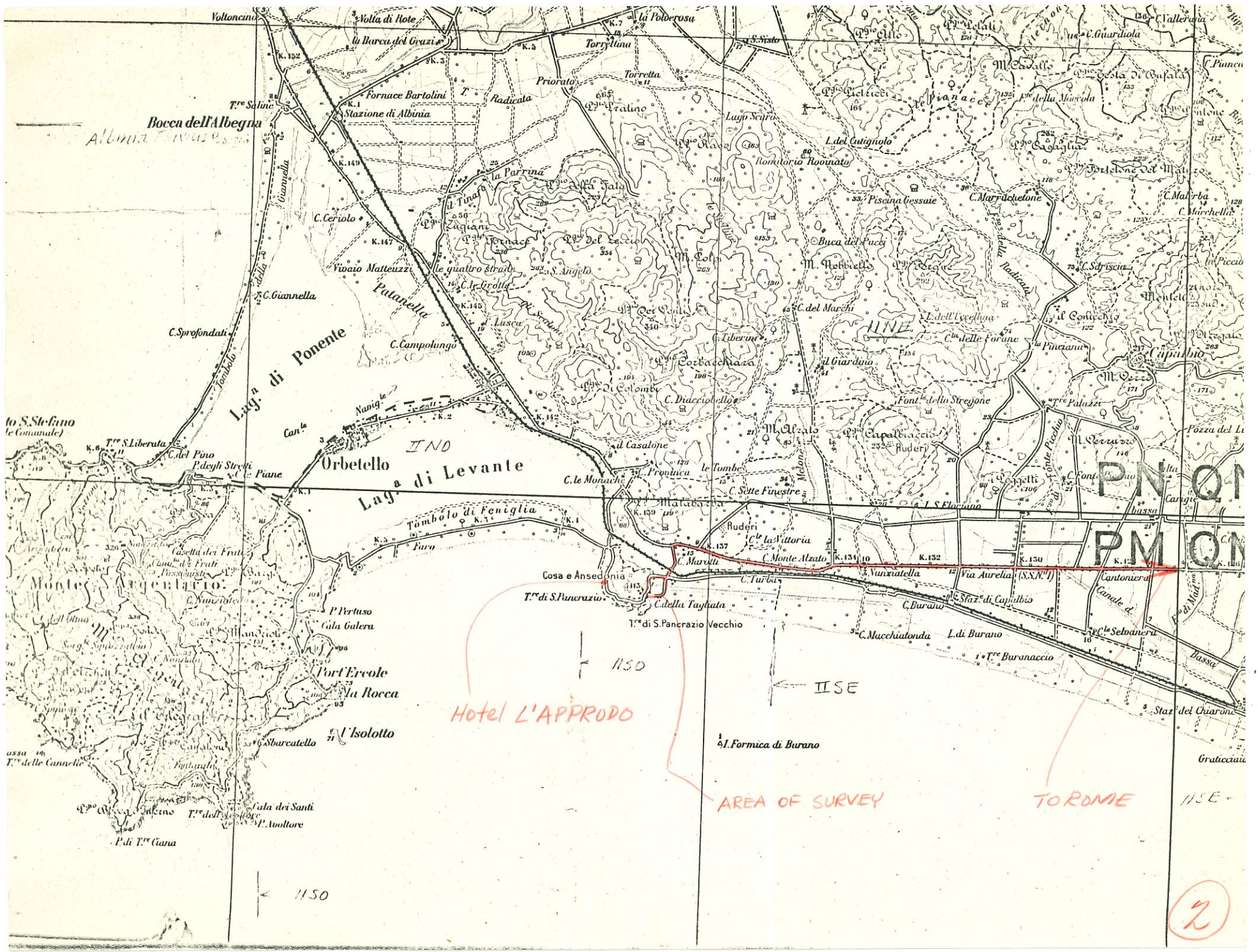
Thanks for your letter of 25 May, I am disappointed that the magnetic soil fill at Rosa will keep us from using the magnetometer - first because I'd like to know what's down there, and second because I'd like to see your novel magnetometer in use.

I can of course take care of making the survey using your resistivity instrument and would be grateful to you if you can drop by and check me out on the 1st week in July.

I'll be there. If this doesn't work something else may come up.

Thanks again and I'll see you in July.

With regards
Dave Hewitt



Albina

Lago di Ponente

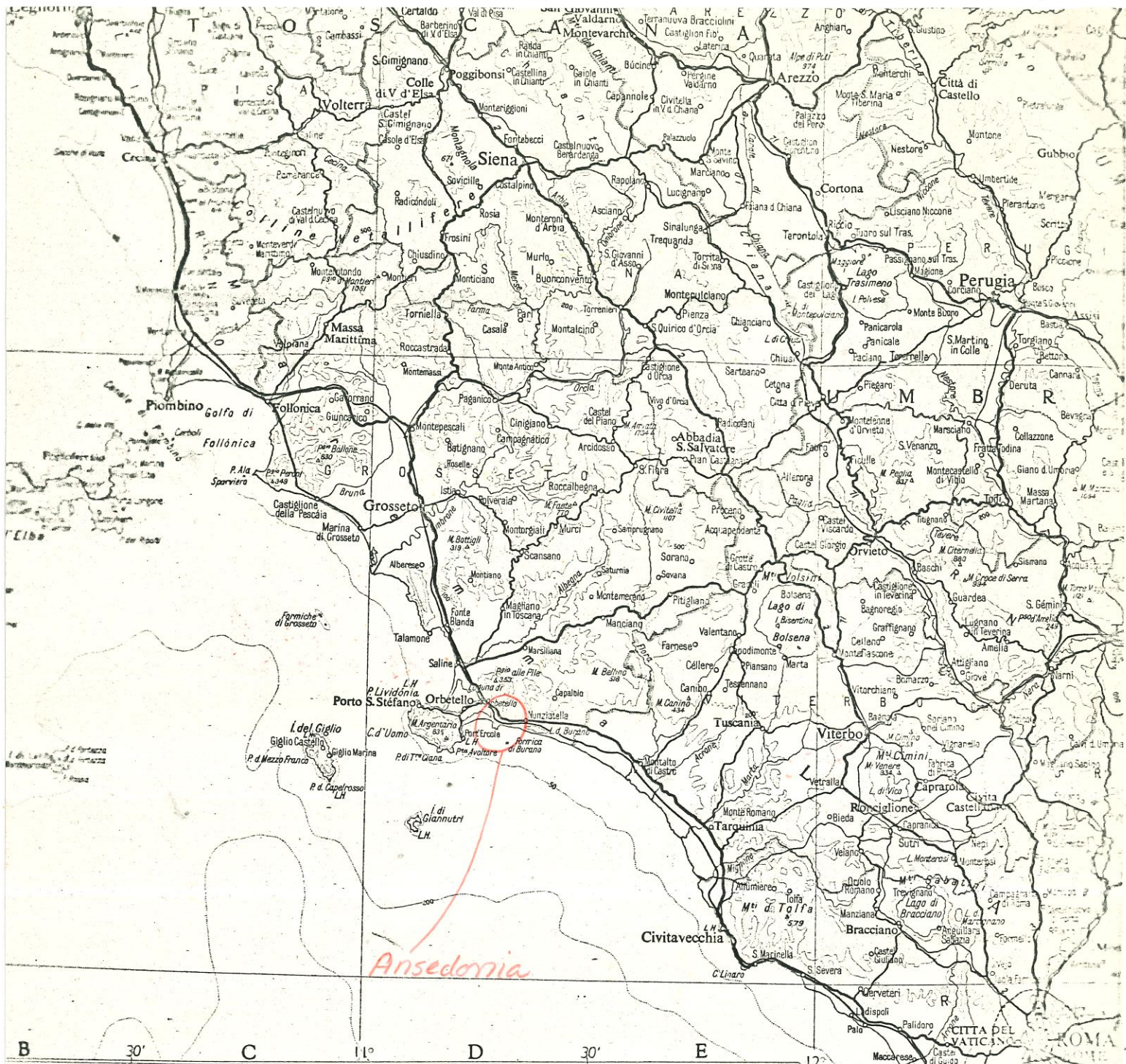
Lago di Levante

Hotel L'APPRODO

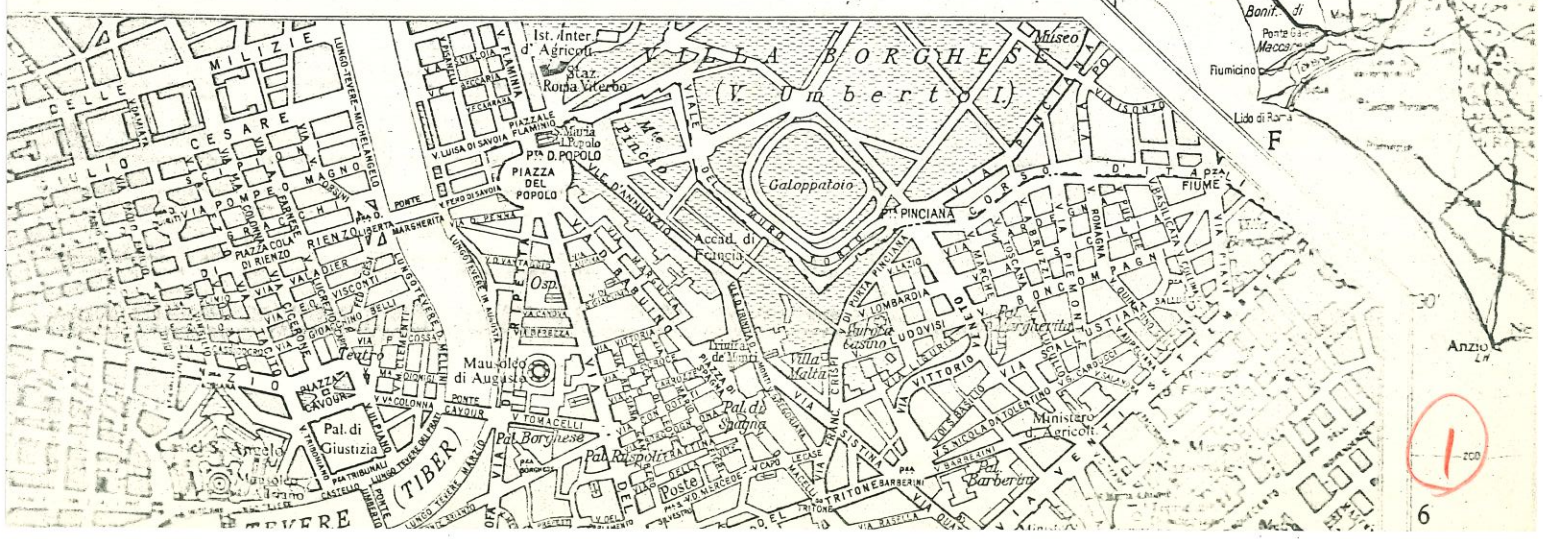
AREA OF SURVEY

TOROME

2



Ansedonia



1
6

16 April 1969

Elizabeth K. Ralph
The University Museum
33rd and Spruce Streets
Philadelphia, Penn. 19104

Dear Beth:

Your letter came this afternoon and I want to hasten to answer that the first week of July for your visit is fine. In fact it will be much better, as we will be working at that time and can help you that much more. Our time period is 30 June through the 12 of August. However it would be nice to have some of your information with which to better determine where to dig this summer. But the first week in July will work out very well. Thanks for writing, and have a good trip.

Yours Truly,


John D. Lewis

April 15, 1969

Col. J. D. Lewis
Naval War College
Newport, R. I. 02840

Dear Dave:

Many thanks for your letter of April 2nd, and for the map and photos. I wish that I could make a definite schedule and stick with it, but just today Dr. Rainey said that I should be in Ciro the last week of May and I hadn't even known about it.

For Cosa, there is the possibility that I go to the site for 1-2 days around May 22nd to see if it looks promising. If so, and if more work is needed, I could plan to return in the first week of July. In case I don't have time to go there in May, would the first week of July be O.K. with you? I am supposed to be in Yugoslavia in June.

Until I leave Philadelphia, my plans will probably change from day to day, so please don't make any special reservations for me in advance. You have given me the names and telephone numbers in Italy that I'll need and I can speak Italian well enough to manage some calls when I get there.

I'll probably stay with a friend in Rome, so there is no problem about housing there.

With best regards,

Elizabeth K. Ralph

EKR/mrb

14 January 1969

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The University Museum
University of Pennsylvania
33rd & Spruce Streets
Philadelphia 4, Pennsylvania

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J. D. Lewis

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Cosa

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J. D. Lewis

April 29, 1969

Dr. Foti
Il Soprintendente alle Antichita
della Calabria
Reggio di Calabria
Italia

Dear Dr. Foti:

Dr. Rainey has asked me to reply to your letter of 24th April. I hope to arrive at Ciro on May 20th, but I may be delayed one or two days. When I land in Italy on May 17th or 18th, I shall plan to telephone to you. I shall probably spend the evening of May 19th with the Muellers at Caselle if I am not delayed.

I am scheduled to be in Yugoslavia in June so that if there is a need to do more work at Ciro, I could think of returning for one week in July.

I am looking forward to seeing you, and to returning to Calabria.

Sincerely yours,

Elizabeth K. Ralph

EKR/mrb

PER VIA AEREA

*Il Soprintendente
alle Antichità della Calabria*

Reggio di Calabria, li 24 aprile 1969

Prot.n.1216

Ralph

Caro Froelich,

ho avuto la lettera del 17 aprile con le notizie sui vari spostamenti di Beth Ralph. Penso che veramente sia opportuna la partecipazione di Beth e di Rutter alle ricerche per delimitare meglio la zona archeologica del santuario di Cirò, tanto più che attorno si cominciano ad impiantare stabilimenti industriali. Così diventa quasi urgente un lavoro in collaborazione. Attendo quindi, e in tempo, di sapere la data precisa dell'arrivo di Beth con gli strumenti anche per predisporre con i proprietari del terreno i permessi per le ricerche.

A Sibari cominceremo tra qualche giorno e spero che vengano presto le buone notizie sulla scoperta di qualche costruzione arcaica. Ad ogni modo ti terrò sempre informato.

Per quanto riguarda il "Life magazine" sono stato io stesso alla redazione romana per dare le notizie sulle ricerche degli ultimi anni e mi auguro che l'articolo sia aderente alla realtà.

Gradisci il mio cordiale saluto

Il tuo Giuseppe Tot

Al Dott. Froelich RAINEY
The University Museum
University of Pennsylvania
Thirty-Third and Spruce Streets
PHILADELPHIA, PA. 19104

July 15, 1969

Professor Frank Brown
Accademia Americana
Via Angelo Masina 5
(Porto S. Pancrazio)
Rome, Italy

Dear Professor Brown,

Dim Delmege has written me about your putting my Fiat in a garage, and I want to thank you very much. I feel much happier about its safety. Before leaving it, I checked all of the locks, but they are not very strong. I hope that they are still four aluminum suitcases in it (one is under the hood). If there are any expenses, please don't hesitate to let me know, or John Winter can reimburse the Academy when he arrives in early September.

At Cosa, we were finding a few anomalies with the Geohm, and I hope that some of them will represent parts of the harbor.

Thank you for your kind hospitality at Cosa and for taking care of my storage problem.

With best regards,

Elizabeth K. Ralph

EKR/ek

September 4, 1969

To whom it may concern:

Dr. John Winter, Research Associate in the Department of Physics and in the University Museum, University of Pennsylvania, Philadelphia, is duly authorized and delegated to take the equipment in his possession from Italy to France and from France to Italy or to any other European country. This authorization includes Great Britain and Greece.

The items of equipment in his possession are as follows:

1. Precision Portable Cesium Magnetometer, manufactured by Varian Associates, Palo Alto, California.
Components include:
 - 2 Readouts Nos. 49-116-90 and 49-116-93
 - 2 Sensors, Nos. 49-544-90 and 49-544-23
 - 3 30-volt battery packs
 - 1 Battery charger
 - Miscellaneous cables, carrying straps, tapes and spare parts
2. Model V-4971 Portable Search Magnetometer, manufactured by Varian Associates, Palo Alto, California.
Components include:
 - 1 Audio Readout
 - 1 Sensor, No. 49-544-195
 - 1 30-volt battery pack
 - 1 Battery charger
 - Miscellaneous cables, straps, and spare parts.
3. 1 Tektronix Portable Oscilloscope Type 321, manufactured by Tektronix, Inc., Oregon
4. 2 Triplet Model 310 Voltmeters
5. 1 Gossen Co. Geohm, Type 323 and rods and cables
6. 1 Auto transformer, 220-110 volts, etc.

Dr. John Winter

7. Miscellaneous hand tools for electronics repair.
8. Notebooks, tape measures, simple drafting tools, etc.
9. Equipment enclosed in 6 Halliburton suitcases.

This equipment will all be used by Dr. John Winter for the purpose of archaeological research in collaboration with the proper authorities in each country.

Froelich Rainey, Ph.D.
Director, The University Museum
Professor, Department of Anthropology
Director, Applied Science Center for
Archaeology
The University of Pennsylvania

Cosa

8 September 1969

Miss Elizabeth K. Ralph
Museum Applied Science Center For Archaeology
The University Museum
University of Pennsylvania
Philadelphia, Pennsylvania 19104

Dear Beth:

Today finds me working at a much different trade than that which you saw me this summer. I'm in command of an artillery group with seven battalions with some 5000 men and officers assigned. El Paso is also different, there simply isn't any water except in the irrigation canals and they make poor diving spots.

At the end of the summer we had traced the West side of the inner harbor polygonal wall out to the cliff leading to the sea. The large trench was completed to lay bear the entire foundation of the so called dock and in addition we excavated the well to the West of the "dock". This was almost our undoing as it released a flow of water that was beyond the capacity of our two pumps. In the end we hired a large tractor driven pump in order to complete the work. I estimate that the flow of water approached 1200 liters per minute. At any rate we did complete the inner harbor excavation and are now in the midst of writing up all our work.

Your resistivity checker was used to map the area from the trench to the road and provided us with an indication of where to place our trial trenches. However, as you feared, it was far from conclusive - the dampness of the earth at the lower level simply would not provide indications of anything but low resistivity readings - and each time we moved up the slope to drier ground the resistivity increased as predicted - but failed to define anything but what was there, ie., drier ground. You'll recall making several runs yourself and the results were similar.

I'm now in the process of making plans for core sampling the area; if you have any suggestions please pass them on to me.

Under separate cover are three wood samples from the bottom of the well and the cofferdam around the dock. I would be grateful if you would sandwich them into the museum's Carbon 14 dating schedule. The data sheets are enclosed herein.

Hope this finds you well and busy with the fall season upon us. Let me hear from you when you have time.

Sincerely yours,

Dave

John D. Lewis
Colonel U.S. Army

Hand cover
mable drill

15th Artillery Group (AD) Col.
Fort Bliss, Texas 79918

September 30, 1969

Col. John D. Lewis
15th Artillery Group (AD)
U.S. Army
Fort Bliss, Texas

Dear Dave:

Thanks for your letter. Both it and the C-14 samples arrived safely. That reminds me of the Cosa shipwreck sample. Shall we return the excess wood to you or throw it away?

I'm sorry that the Geohm wasn't more useful, but was glad to hear that you found so much (not the H₂O) by digging.

For core sampling, if you are planning to use a power drill, the last type that we used at Sybaris worked, especially, well. It is tractor, jeep, or truck-mounted and sends down a hollow augur through which core samples can be taken when needed. It is model B-30, Mobile Drilling Co., 3807 Madison Avenue, Indianapolis, Indiana 46227. It can be rented in Italy from Atlas Copco Italia S.p.A., Casella Postale 3287, 20100 Milano.

Your new assignment sounds like a challenging one.
Best of luck.

Sincerely,

Elizabeth K. Ralph

EKR/mrb

COSA, ITALY

AMERICAN ACADEMY IN ROME

VIA ANGELO MASINA, 5 (PORTA S. PANCRAZIO) - 00153 ROME

Oct. 1, 1969

Dear Beth -

This letter is long over-due to thank you again for your wonderful help to us at Cosa. You were so very good to give your time, energy and loan of equipment to us - all of which was most helpful. We did dig in one area that the resistivity check indicated - and while we did not find our beloved "dock" - we ~~did~~ ^{did} find a level of lime rubble, which was certainly an ancient level. I do feel we could do more with the resistivity another year at the North end of the harbor, which we did not get to this summer, we got so involved with our central trench we were digging when you were there. It proved to be apparently an ancient fountain house with its

AMERICAN ACADEMY IN ROME

VIA ANGELO MASINA, 5 (PORTA S. PANCRAZIO) · 00158 ROME

dock. we hit to our amazement a great spring of water there - apparently the chief water source for Cosa - for it filled up our trench in 5 minutes spouting water at 300 gallons a minute. So we had to import pumps and much equipment to complete the excavation of the area.

You were also very good to give us such a prompt reply to a Carbon dating for our wood ship sample. It helped us come to a decision to at least leave it there for the moment, since it was not Roman.

We are puzzled about how to complete a plan of the inner harbor at Cosa another year - How to trace the shape of the harbor on the North and East - and hopefully find ^{the main} ~~some~~ docks of the port - if they exist! - We did

Telephone: 588653 - 654 - 655 Cable Address: AMACADMY

AMERICAN ACADEMY IN ROME

VIA ANGELO MASINA, 5 (PORTA S. PANCRAZIO) - 00153 ROME

not work to the north with the resistivity as I have said, which you suggested could give us some help. - Dave felt when we found in digging our one trench from it that we had picked up sand and lime ~~changes~~ ^{levels} in the earth as well as rock - that it would probably not be too useful in securing an outline of the harbor as we had hoped. However, do you have any further thoughts on our use of the water resistivity survey another year? Before publication we would like to secure the outline of our inner harbor. Dave has suggested coring, as was done at Sybais was it not? Do you have any thoughts whether this would be useful in our situation, where we are mainly concerned in finding docks

I hope to find an apartment for the winter which

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VIA ANGELO MASINA, 5 (PORTA S. PANCRAZIO) - 00153 ROME

and walls rather than stratification?

I would surely appreciate any suggestions you might have.

This has become a long letter I am afraid - which was mainly to express our gratitude to you for your generous help to us. In the past couple of excavating I never seemed to have time to take pen in hand

and then a family visit of a month in the states left no time. So, it is only now, as I return to Rome for the year to do research on our

Cosa material, that I have been able to get caught up. But please do know how much I enjoyed meeting you and learning of all you do and look forward to keeping in touch with you.

I think Dan was going to send you a wood sample from the dock, so you

may well have heard from him. I hope you have a good winter

conced
I've always had an extra bed for you!
Thank you so much again. It's coming to us... It gave us all so many happy moments in the caring
J. FERENZI-ROMA

McCann

Telephone: 588653 - 654 - 655 Cable Address: AMACADMY

and if your path comes to Rome, do know I'd love to see you.

October 7, 1969

Dr. Anna Marguerite McCann
American Academy in Rome
Via Angelo Masina, 5
(Porto S. Pancrazio)
00153 Rome

Dear Anna Marguerita:

Thank you for your good letter.

In regard to drilling, I have enclosed a copy of the suggestion that I made to Dave. Of course, if you have something simpler in mind, there are a number of little hand augers on the market.

Excuse the haste.

Best regards,

Elizabeth K. Ralph

EKR/mrb

University Museum

Submitted: May 8, 1969

European Expedition (Italy, Yugoslavia, France, Great Britain)
Insurance Report

Dates: May 9, 1969 to August (end date open; we will
notify you when equipment returns.)

Route: Italy, Yugoslavia, France, Great Britain and
return.

Equipment:

Cesium magnetometer: "Varian Associates Precision
Portable Model"

2 readouts, #49-116-90, #49-116-93.....	\$ 5,000
2 sensors, #49-544-90, #49-544-93.....	10,000
2 30-volt battery packs.....	500
1 battery charger.....	50
Miscellaneous cables, carrying-straps, and minor spare parts.....	100
Tektronix portable oscilloscope, type 321.....	900
2 Triplet model 310 Voltometer.....	70
Miscellaneous hand tools.....	50
Notebooks, tape measures, etc.....	50
Auto transformer, 110-220 volts.....	20
4 Halliburton carrying cases.....	240

Total \$16,980.00

Equipment borrowed from Varian Associates

Model V-4971 Portable Search Magnetometer

This includes the following:

1 Audio Readout	
1 Sensor #49-544-195	
2 Battery Packs	
1 Battery Charger	
1 Halliburton carrying case.....	\$ 5,750.00

Personal Property of Elizabeth K. Ralph

1 Kodak Retina Reflex Camera Body Ser. No. 102317 Lense Ser. No. 5 434 275.....	\$ 200.00
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Statement of Authorization

I, the undersigned Elizabeth Kennedy Ralph, do hereby declare that I am the full and legal owner of the private motor vehicle described as follows:

Make and Model: Fiat 850. Color: Blue.

Number and Country of Registration: Roma (Italy) 923256.

I do further declare that John Winter, Research Associate of the University of Pennsylvania, Philadelphia, U.S.A., is hereby authorized to make use of, drive within any country, drive or otherwise transport across any national frontier, loan, and on my behalf sell or otherwise dispose of in any legal manner the aforesaid motor vehicle.

Etant la sousignee Elizabeth Kennedy Ralph, je declare par ces presentes que je suis la proprietaire complete et legale de l'automobile particulier decrit comme suit:

Marque et Modele: Fiat 850. Couleur: Bleu.

Numero et pays d'enregistrement: Roma (Italie) 923256.

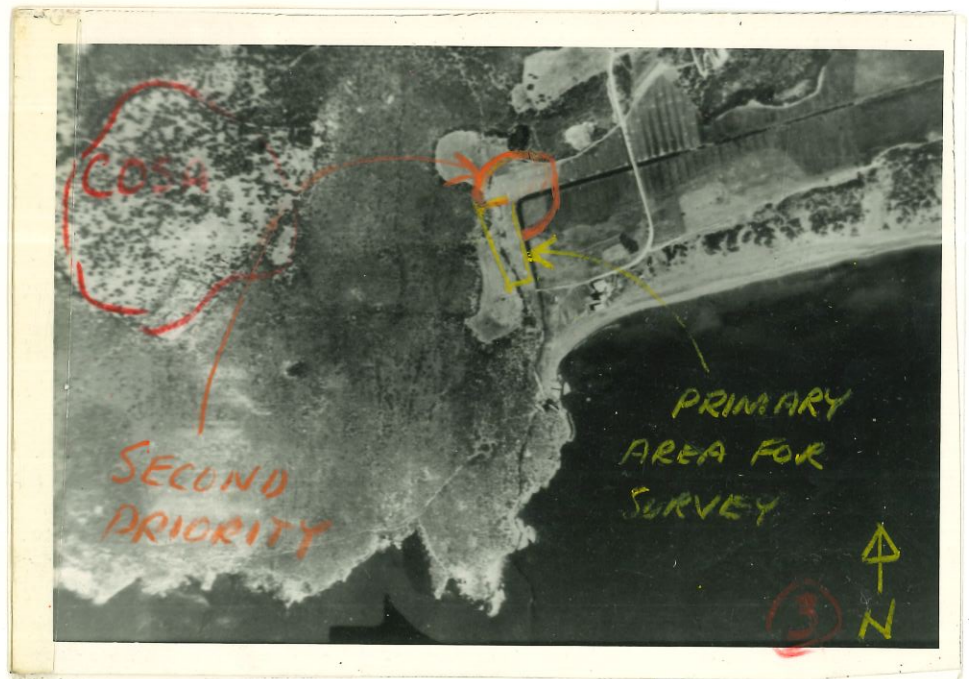
Je declare de plus que John Winter, "Research Associate" de l'Universite de la Pennsylvanie, Philadelphie, Etats-Unis, est autorise par ces presentes d'utiliser, conduire dans n'importe quel pays, conduire ou autrement transporter a travers de n'importe quelle frontiere nationale, preter, et en ma faveur de vendre ou autrement ceder en n'importe quelle maniere legale l'automobile susdit.

Io, Elizabeth Kennedy Ralph, dichiaro che John Winter, Research Associate of the University of Pennsylvania, Philadelphia, U.S.A., e autorizzato a guidare la mia Fiat targata Roma 923256 in tutte le paese d'Europa e di Grande Bretagno.

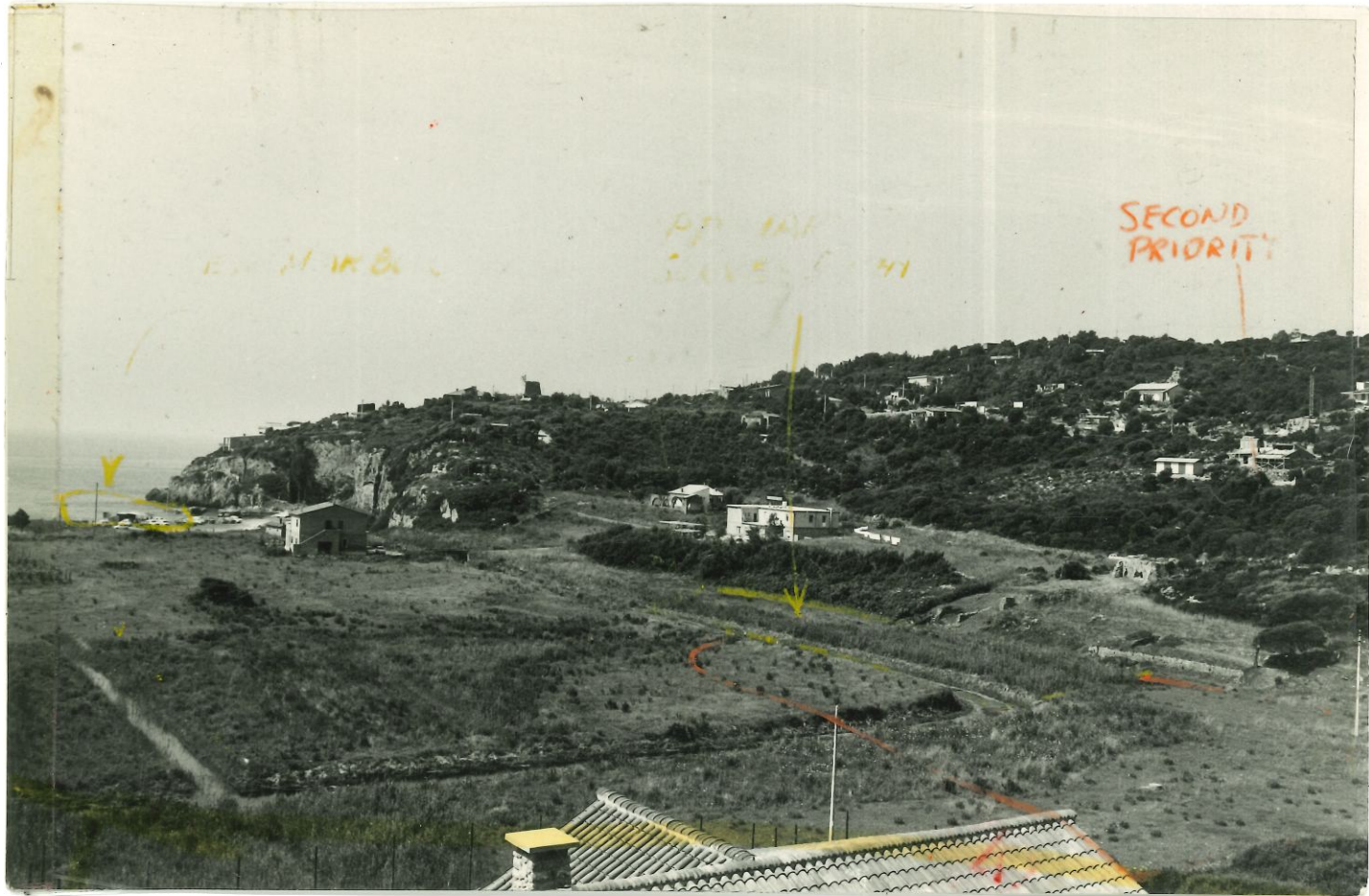
Anche John Winter ha il mio permesso a vendere o disporre in qualche modo la suddetta Fiat se e necessario.

COSI
PRINTS

IS-4381



COGA? 1969 527



E. H. K. B.

PT. MAR
JAN 1941

SECOND
PRIORITY

COSA, ITALY, 1969