Greenland Exp.
Mar. 17 – April 23
1927

UNIVERSITY OF MICHIGAN

Requisitions on Purchasing Department

WHITE copy is to be sent to Purchasing Department
YELLOW copy is for your own information.

Greenland Exp.
Mar. 17 – April 23
1927

UNIVERSITY OF MICHIGAN

Requisitions on Purchasing Department

WHITE copy is to be sent to Purchasing Department
YELLOW copy is for your own information.

REQUISITION ON PURCHASING DEPARTMENT

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE.

CHARGE TO

Department of Grounds Expenditures

Account

UNIVERSITY OF MICHIGAN

Date April 6 19 27

PURCHASING AGENT:

Please furnish for the above Department the items listed below.

Estimated Cost $

SIGNED: Lynn A. Watts

Head of Department or Authorized Representative.

Wanted by 19

QUANTITY	DESCRIPTION	LEAVE BLANK	ORDER N
4	CX 300 A radio tubes		
14	CX 301 A "		
4	CX 299 "		
6	CX 310 "		
1	Bradley Radiostat		
2	UC 1044 .002 Cond. 3000 V.		

NOTE. When material required can be secured only from a single firm, please fill in name here:

Order from J. H. Burnett + Co.

Address Ann Arbor, Mich.

PURCHASING AGENT'S MEMORAND

Balance $ Est. Cost $

Terms

F.O.B.

Ship by

Trace

APPROVED:

REQUISITION ON PURCHASING DEPARTMENT

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE.

CHARGE TO

Department of Grounds Expenditures

Account

UNIVERSITY OF MICHIGAN

Date April 6 19 27

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Estimated Cost $

SIGNED: Lynn A. Watts

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Balance $ Est. Cost $

Terms

F.O.B.

Ship by

Trace

APPROVED:

REQUISITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

Date Nov 21, 1927

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE:

CHARGE TO

Department of Greenland Expedit

Account

PURCHASING AGENT:

Please furnish for the above Department the items listed below.

Estimated Cost $ 106.25

SIGNED: Wm H Hobbs

Head of Department or Authorized Representative.

Wanted by Already received OK 19

QUANTITY	DESCRIPTION	LEAVE BLANK — ORDER NO.
1	250 Watt Radio Transmitting tube sent by parcel post to Greenland	

NOTE. When material required can be secured only from a single firm, please fill in name here:

Treasurer

Order from Radio Corporation of America

Address 233 Broadway

New York City

Copies of orders will be transmitted to departments as soon as placed.

In asking the Purchasing Department for information in regard to this requisition, please refer to order number.

Form 435 (3-15-26) 12M

PURCHASING AGENT'S MEMORANDA

Balance $ Est. Cost $

Terms

F.O.B.

Ship by

Trace

APPROVED:

Purchasing Agent

REQUISITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

Date Nov 21, 1927

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE:

CHARGE TO

Department of Greenland Expedition

Account

PURCHASING AGENT:

Please furnish for the above Department the items listed below.

Estimated Cost $ 106.25

SIGNED: Chas H Hobbs

Head of Department or Authorized Representative.

Wanted by Already received OK 19

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Form 435 (3-15-26) 12M

PURCHASING AGENT'S MEMORANDA

Balance $ Est. Cost $

Terms

F.O.B.

Ship by

Trace

APPROVED:

Purchasing Agent

QUISITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

Date Jan 4, 19 --

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE:

CHARGE TO

Department of Grounds Expd

Account Trust Fund

URCHASING AGENT:

Please furnish for the above Department the items listed below.

timated Cost $ 120

SIGNED: Lem H. Hoag

Head of Department or Authorized Representative.

anted by ---------- 19 ----

UANTITY	DESCRIPTION	LEAVE BLANK ORDER NO.
	Checks as follows:	
	#50 = in favor of Robert R. Swann, 713 East Huron Ave.	
	#40 = in favor of Dumas O. Lowry, 615 Monroe St.	
	#30 = in favor of Stephen H. Nelson, 851 Jeffers St.	
	All for pay in R.O.T.C. Rods, Station Communications unit (Not Comm. Grounds)	

OTE. When material required can be secured only from a single firm, please fill in name here:

Order from

Address

Copies of orders will be transmitted to departments as soon as placed.

In asking the Purchasing Department for information in regard to this equisition, please refer to order number.

PURCHASING AGENT'S MEMORANDA

Balance $ Est. Cost $

Terms

F.O.B.

Ship by

Trace

APPROVED:

Purchasing Agent

UISITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

Date 7 6 29 19 ..

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE:

CHARGE TO

Department of Grounds Exp Dist

Account Trust Fund

CHASING AGENT:

Please furnish for the above Department the items listed below.

ated Cost $ 75.00

SIGNED: Wm H Hoppe

Head of Department or Authorized Representative.

ed by ..... 19 .....

NTITY	DESCRIPTION	LEAVE BLANK — ORDER NO.
1	R.C.A. Superheterodyne with U.V. 199 tubes and test testing equipment	
	Special price obtained	

When material required can be secured only from a single firm, please fill in name here:

r from Edwards & Son Co

ress Ann Arbor

PURCHASING AGENT'S MEMORANDA

Balance $ ..... Est. Cost $ .....

Terms .....

F.O.B. .....

Ship by .....

Trace .....

APPROVED:

opies of orders will be transmitted to departments as soon as placed.

asking the Purchasing Department for information in regard to this

REQUISITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

DATE March 10 1928

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE:

CHARGE TO

DEPARTMENT OF Greenland Expedition

ACCOUNT

PURCHASING AGENT:

PLEASE FURNISH FOR THE ABOVE DEPARTMENT THE ITEMS LISTED BELOW.

ESTIMATED COST $ SIGNED: Lincoln Ellsworth

HEAD OF DEPARTMENT OR AUTHORIZED REPRESENTATIVE

WANTED BY 19

QUANTITY	DESCRIPTION	LEAVE BLANK	ORDER NO
1	Grebe CR 18 Low Wave Receiver		
	with 40 watt Coil List	70.00	
1	Additional Set of Coils		
	10 – 20 – 40 – 200 Meters	10.00	
1 Set	Necessary Tubes – Estimating cost	10.00	
	Less Trade discount 40%		
	price from Catalogue		
	Deliver to William S Carlson ~~New York~~		
	Sailing March 12 – S.S. American Trader		
	Arrive Montevideo Uru		
Uru	Two Fur Outfits New York City –		
	3 5 days in New York City before March 12		

NOTE. When material required can be secured only from a single firm, please fill in name here:

ORDER FROM A.H. Grebe & Co Inc

ADDRESS 115 East 57 St New York City

COPIES OF ORDERS WILL BE TRANSMITTED TO DEPARTMENTS AS SOON AS PLACED.

IN ASKING THE PURCHASING DEPARTMENT FOR INFORMATION IN REGARD TO

PURCHASING AGENT'S MEMORANDA

Balance $ Est. Cost $ 66.00

Terms

F.O.B.

Ship by

Trace

APPROVED:

PURCHASING AGENT.

REQUISITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE:

CHARGE TO

DEPARTMENT OF Greenland Expedition

ACCOUNT Trust Fund

DATE March 12, 1928

PURCHASING AGENT:

PLEASE FURNISH FOR THE ABOVE DEPARTMENT THE ITEMS LISTED BELOW.

ESTIMATED COST $ 75.00 SIGNED: Lincoln Ellsworth

HEAD OF DEPARTMENT OR AUTHORIZED REPRESENTATIVE

WANTED BY _____ 19 _____

QUANTITY	DESCRIPTION	LEAVE BLANK ORDER NO.
1	R.C.A. Superheterodyne with UV 199 tubes and full batter equipment	
	Special price obtained	
	(Duplicate agent order)	

NOTE. When material required can be secured only from a single firm, please fill in name here:

ORDER FROM Eberbach & Son Co.

ADDRESS Ann Arbor

COPIES OF ORDERS WILL BE TRANSMITTED TO DEPARTMENTS AS SOON AS PLACED.

IN ASKING THE PURCHASING DEPARTMENT FOR INFORMATION IN REGARD TO THIS REQUISITION, PLEASE REFER TO ORDER NUMBER.

Form 435 (8-1-27) 15M

PURCHASING AGENT'S MEMORANDA

Balance $ _____ Est. Cost $ _____

Terms _____

F.O.B. _____

Ship by _____

Trace _____

APPROVED:

PURCHASING AGENT.

...PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

Date May 7, 19 29

CHARGE TO

Department of Greenland Expedition

Account Trust Funds

RCHASING AGENT:

Please furnish for the above Department the items listed below.

mated Cost $.....

SIGNED: Wm H Hobbs

Head of Department or Authorized Representative.

nted by.....**19** .....

JANTITY	**DESCRIPTION**	**LEAVE BLANK** ORDER NO.
1	Set of Tubes for Gravity Shortwave receiver Type CR.15 to fit receiver obtained from A.H. Grebe & Co and now at Mt Evans Greenland. This is in partial completion of order 239589 of Feb 20, 1929 which has not been executed otherwise. Confirming Telegraphic orders of May 7th	

TE. When material required can be secured only from a single firm, please fill in name here:

der from A.H. Grebe & Co.

ldress 115 W 57th St, New York City

Copies of orders will be transmitted to departments as soon as placed.

In asking the Purchasing Department for information in regard to this

PURCHASING AGENT'S MEMORANDA

Balance $..... Est. Cost $.....

Terms .....

F.O.B. .....

Ship by .....

Trace .....

APPROVED:

SITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

Date May 15, 1929

FILL IN NAME OF DEPARTMENT AND BUDGET ACCOUNT HERE.

CHARGE TO

Department of Greenland Expedition

Account Trust Fund

HASING AGENT:

Please furnish for the above Department the items listed below.

ted Cost $ 8.40

SIGNED: Lincoln Ellsworth

Head of Department or Authorized Representative.

d by ..... 19 .....

NTITY	DESCRIPTION	LEAVE BLANK ORDER NO.
6	RCA. 201 A Radio Tubes @ 1.40	
	Delivered O.K.	

When material required can be secured only from a single firm, please fill in name here:

r from Eberbach & Son Co

ress Ann Arbor

Copies of orders will be transmitted to departments as soon as placed.

n asking the Purchasing Department for information in regard to this

PURCHASING AGENT'S MEMORANDA

Balance $ ..... Est. Cost $ .....

Terms .....

F.O.B. .....

Ship by .....

Trace .....

APPROVED:

.....

Purchasing Agent

REQUISITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

DATE August 1 1930

CHARGE TO

DEPARTMENT OF Aerological Research

ACCOUNT Trust Fund

PURCHASING AGENT:

PLEASE FURNISH FOR THE ABOVE DEPARTMENT THE ITEMS LISTED BELOW.

ESTIMATED COST $ 34.47 SIGNED: [signature]

HEAD OF DEPARTMENT OR AUTHORIZED REPRESENTATIVE

WANTED BY _____ 19 _____

QUANTITY	DESCRIPTION		LEAVE BLANK	ORDER
1	Baldwin H adphone	4.40		
6	No. 99 Radio Tubes	9.00		
	Express charges prepaid	21.07		
		34.47		
	Confirming			

NOTE. When material required can be secured only from a single firm, please fill in name here:

ORDER FROM Thompson Battery Co.

ADDRESS Madison Wisconsin

COPIES OF ORDERS WILL BE TRANSMITTED TO DEPARTMENTS AS SOON AS PLACED.

IN ASKING THE PURCHASING DEPARTMENT FOR INFORMATION IN REGARD TO THIS REQUISITION, PLEASE REFER TO ORDER NUMBER.

Form 435 (7-29) 1531

PURCHASING AGENT'S MEMORAN

Balance $_____ Est. Cost $_____

APPROVED:

PURCHASING AGENT.

REQUISITION ON PURCHASING DEPARTMENT

UNIVERSITY OF MICHIGAN

DATE August 1 1930

CHARGE TO

DEPARTMENT OF Aerological Research

ACCOUNT Trust Fund

PURCHASING AGENT:

PLEASE FURNISH FOR THE ABOVE DEPARTMENT THE ITEMS LISTED BELOW.

ESTIMATED COST $ 34.47 SIGNED: [signature]

HEAD OF DEPARTMENT OR AUTHORIZED REPRESENTATIVE

WANTED BY _____ 19 _____

	QUANTITY	DESCRIPTION		LEAVE BLANK ORDER
	1	Baldwin Headphone	4.40	
	6	No. 99 Radio Tubes	9.00	
		Express charges prepaid	21.07	
			34.47	
		Confirming		

NOTE. When material required can be secured only from a single firm, please fill in name here:

ORDER FROM Burgess Battery Co.

ADDRESS Madison Wisconsin

COPIES OF ORDERS WILL BE TRANSMITTED TO DEPARTMENTS AS SOON AS PLACED.

IN ASKING THE PURCHASING DEPARTMENT FOR INFORMATION IN REGARD TO THIS REQUISITION, PLEASE REFER TO ORDER NUMBER.

PURCHASING AGENT'S MEMORA

Balance $ _____ Est. Cost $ _____

APPROVED:

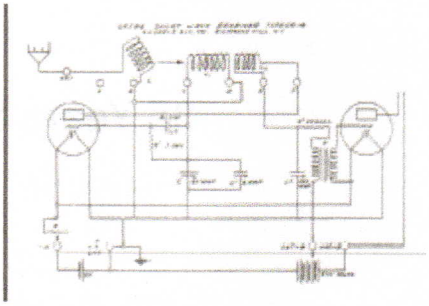
PURCHASING AGENT.

Form 435 (2-29) 15M

Short Wave CR18 2 tubes

Uploads & questions » | My model » | ID = 43508 | Help









Grebe, A.H. & Co.;: Short Wave CR18 [Amateur-R] ID = 2368258 1400x862

Select picture or schematic to display from thumbnails on the right and click for download.

Use red slider bar for more.

For model Short Wave CR18 2 tubes, Grebe, A.H. & Co.; Richmond Hill (NY):
Collection privée (réf.: 0688)

Country: United States of America (USA)	**Manufacturer / Brand:** Grebe, A.H. & Co.; Richmond Hill (NY)
Brand	Synchrophase
Year: 1926	**Category:** Amateur-Receiver (amateur bands, may include broadcast bands)
Valves / Tubes	2: UX201A UX201A
Main principle	TRF with regeneration
Tuned circuits	1 AM circuit(s)
Wave bands	Short Wave (SW only)
Details	
Power type and voltage	Storage and/or dry batteries
Loudspeaker	- For headphones or amp.
Power out	
from Radiomuseum.org	Model: **Short Wave CR18 [2 tubes]** - Grebe, A.H. & Co.; Richmond
Material	Wooden case
Shape	Tablemodel, Box - most often with Lid (NOT slant panel).
Notes	wave range 10 - 200 meters. One of the first 10 m receivers. There is also a 3 tube version CR18 special with an added AF stage.

Price in first year of sale	100.00 $
Collectors' prices	
External source of data	Ernst Erb
Source of data	Radio Collector`s Guide 1921-1932
Circuit diagram reference	Rider's Perpetual, Volume 1 = 1931/1934 (for 1919-1931)
Mentioned in	Collector's Guide to Antique Radios 4. Edition (and Vintage Radio, p.94)
Literature/Schematics (1)	Radio Manufacturers of the 1920's, Vol. 2 (p.65)

85 Years Strong

Free estimates. Fast installation with high-end results. Maintenance free.

Vinyl Sash of Michigan

OPEN

All listed radios etc. from Grebe, A.H. & Co.; Richmond Hill (NY)

Here you find 186 models, 115 with images and 59 with schematics for wireless sets etc. In French: TSF for Télégraphie sans fil.

Collection of Museum Musée des Radios (CH) **Collection of Alan Scott Douglas † 16.11.15 (USA)**