

**Rekord-omslag.**  
**Record Cover.**

Departement.  
Department.

Lêer No. M 13/1/4/3  
File No.

Onderwerp SYNOPTIC REPORTING STATIONS  
Subject

SHIPS AT SEA:

- WHALING FACTORY SHIPS

Vol. IV

Lêer No.  
File No.

Referensies:  
Reference:

M 13/1/4/3

Bylae No.	Verwys na.	Dat.	Hou oor tot dat.	Kol. 4. Reg. Noteer.	Bêre.	Voorletters vir Bêre.	Bylae No.	Verwys na.	Dat.	Hou oor tot dat.	Kol. 4. Reg. Noteer.	Bêre.	Voorletters vir Bêre.
72	King	3/2				See M							
76	King	7/2				See M							
78	King	20/2											
87	DeLore	1/3				See M							
88	DeLore	1/3	2/3			See M							
90	DeLore					See M							
91/2	DeLore	2/3				See M							
92	DeLore	2/3				See M							
93-94	King					See M							
95	King	12/8				See M							
95	King	12/8				See M							
94	King	16/8	3/9			See M							
96	King	1/10				See M							
94	King					See M							

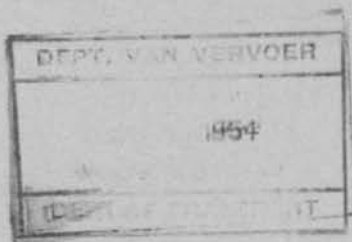
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Falkland Islands and Dependencies

Your Ref. M. 13/1/4/3

Our Ref. FIDMS 820/54/45



Meteorological Service,  
Stanley,  
Falkland Islands.

13th July 1954

Dear Colleague,

Please refer to your letter M13/1/4/3 of 15th January 1954 about the rebroadcast of your whaling ship collective message for the benefit of Argentina.

2. First of all, I would like to confirm the suggestions put by my colleague, Mr. McNaughton, in his letter 820/54/31 of 9th April. I have now discussed the matter with the Post and Telegraph Department and can offer to rebroadcast your collective message on two frequencies simultaneously, either between 1415 and 1445 G.M.T. or 1830 and 1900 G.M.T.

3. The earlier time would of course depend on you being able to start your broadcast at 1230 G.M.T. and complete it by 1300 G.M.T. If this is possible, then it would greatly improve your service for us, because the information would then be available in ample time for use when compiling our whalers forecast issued at 1500 G.M.T. Also, a message at 1415 G.M.T. may be presumed to suit Argentina, who have apparently been listening at that time and should, incidentally, suit other countries in Region III because no South American broadcasts take place in this period.

4. However, if you find it impossible to bring your broadcast forward to 1230z (you will see from Mr. McNaughton's letter that this is our only alternative listening time to 1415z) then I suggest we should rebroadcast between 1830 and 1900 G.M.T. This time is quite convenient for us, regardless of whether you make the original transmission at 1230 or 1415 but I presume that you would wish the information rebroadcast as soon as possible after receipt?

5. I have copied this letter to Cdr. Frankoom, to keep him informed, and shall be pleased to make final arrangements as soon as I know which of the alternatives you prefer.

Yours sincerely,

*C.A. Howland*

Chief Meteorological Officer.

The Director,  
Department of Transport,  
Weather Bureau,  
Pretoria,  
Union of South Africa.

W.M.O. - COMMISSION FOR MARITIME METEOROLOGY

<b>IMPORTANT</b>	
<i>All communications must be addressed to THE DIRECTOR</i>	
In reply to this letter quote MCP 13/54	
Your Ref. :	
Telegrams :—WEATHER. HARROW	
Telephone :—HARROW 4331	
	EXT.

DEPT. VAN ...  
WEATHER ...  
2-3-1954  
WEATHER ...  
DEPT. OF TRANSPORT

METEOROLOGICAL OFFICE  
AIR MINISTRY  
HEADSTONE DRIVE  
HARROW  
MIDDLESEX

10 July, 1954.

My dear Colleague,

Further to my letter MCP 13/52 of 28th May 1953 I shall be grateful if you would in accordance with para. (2) of Resolution 24 (E.C.III) please let me have information as to the success of the scheme for the collection of reports from whaling ships since its implementation in 1952.

I have also written to the President of Regional Associations I, III and V requesting their comments on the success of the scheme so far, within their regions. On receipt of their replies I will prepare the report on the scheme for submission to the Executive Committee as instructed by Resolution 24 E.C.III.

I am, my dear Colleague,  
Yours sincerely,

*[Handwritten Signature]*

President, Maritime Commission

Dr. T.E.W. Schumann,  
Director,  
Weather Bureau,  
Department of Transport,  
P.O. Box 399,  
Pretoria, Union of S. Africa.

soon as I know which of the alternatives you prefer.

Yours sincerely,

*[Handwritten Signature]*

Chief Meteorological Officer.

The Director,  
Department of Transport,  
Weather Bureau,  
Pretoria,  
Union of South Africa.

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Australia and changes in the time of transmission and frequency seemed to effect no improvement. The broadcasts were also inaudible in Buenos Aires. Following a report from the Secretary General a letter was sent to the Argentine Service giving details of the transmissions and requesting a report on reception of other transmitters used for meteorological broadcasts from South Africa. The idea in mind was that the Whaling Ship collective would be repeated on one of these transmitters if reception proved satisfactory in Buenos Aires. No reply has however been received from the Argentine Meteorological Service. The Chief Meteorological Officer of the Falkland Islands has kindly offered to rebroadcast the message but before involving him in this commitment there should be specific evidence of the requirement.

The Chief Meteorological Officer Falkland Islands has also requested that the time of the transmission made be advanced to about 1230 GMT and every effort to meet this request will be made during the coming season. There may however be difficulties which will make the arrangement impracticable.

Broadcasts of the Antarctic Inference were made regularly during the season and reports from factory ships calling at Cape Town indicate that this inference fulfils a useful service.

At the beginning of the last season this Weather Bureau supplied Whaling Ships with a preliminary Antarctic climatology. This is in the course of revision and a new edition based on 160,000 observations is expected to be ready next year.

Ciphers were supplied to all ships requiring them. The intention is to use the same ciphers for at least two years before introducing new ones. Replacement or additional copies required may be obtained on application. A new cipher for the broadcast of whaling ship collectives in the season 1954 - 1955 is available and copies will be supplied to all meteorological services requiring them.

The most serious weakness in the international arrangements for the collection and dissemination of reports from Whaling Ships lies in the inability to exchange reports by radio broadcast between Australia and the Union. In the coming season it is hoped to use a point to point circuit for this exchange and if this can be done the operation of the scheme should be very greatly improved.

*My* Yours sincerely,

W. SCHUMANN

DIRECTOR.

The Officer in Charge,  
Weather Office,  
P.O. Box 85,  
MAITLAND.

The Port Meteorological Officer,  
P.O. Box 2761,  
CAPE TOWN.

*On* For Information.

W. SCHUMANN  
DIRECTOR.

135 (3)

Privatebag 97

M.13/1/4/3

10 AUG 1954

President,  
Maritime Commission,  
Meteorological Office,  
Air Ministry,  
Headstone Drive,  
HARROW,  
Middlesex - England.

Dear President,

With reference to your letter MCP 13/54 of 10th July I am pleased to say that 3750 reports were received by radio from Whaling Ships in the Antarctic during the last season and this again is a substantial increase over the previous year. The numbers of reports received during the last few years are given below.

	<u>Reports received by radio</u>	<u>Percentage increase over previous year</u>
1949 - 1950	1139	-
1950 - 1951	1743	52
1951 - 1952	2706	53
1952 - 1953	3363	24
1953 - 1954	3750	12

No reports were received during the last season from Sir James Clark Ross which had been most cooperative during previous seasons and has, in fact, been awarded three prizes. Enquiries were made to the Norwegian Polar Institute and Dr. Sverdrup replied to say that Sir James Clark Ross sent no weather reports because this year the sending interfered too much with the radio communication to the catchers and also because when catching, the additional work interfered with the other duties of the officers. The assurance was however given that the Sir James Clark Ross will continue her cooperation provided this can be done without interfering with the activity in the radio room and on the bridge.

This report is rather disconcerting as it is understood that at least one Whaling company is installing a great deal of very elaborate radio equipment in its factory ship and catchers, mainly to reduce the losses resulting from whales which are killed but can not subsequently be found. In the case of one factory ship these losses amounted to 40 whales during the last season. It is hoped that other ships will not cease reporting as the Sir James Clark Ross did during the last season. However if there is any possibility of whaling ships not being able to send reports after each main synoptic it may be as well to inform the masters that reports may be sent at any convenient time once a day, or even less frequently in special circumstances. Such an arrangement would be preferable to that of the complete discontinuance of reports as in the case of the Sir James Clark Ross.

All reports received in Pretoria were rebroadcast daily in two transmissions at different times. Although reception was satisfactory at Port Stanley and in South Georgia the broadcasts were not audible in

Australia/.....

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I shall be interested to receive your comments as to the co-operation you received from British whaling ships during the Season 1953-54.

Yours sincerely,

*Handwritten signature*  
*for Director*

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Australia/.....

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<b>IMPORTANT</b>	
All communications must be addressed to	<b>THE DIRECTOR</b>
In reply to this letter quote	
E. 15288/52/M.O.1	
Your Ref.:	
Telegrams:—WEATHER	HARROW
Telephone:—HARROW	4331
	EXT.

METEOROLOGICAL OFFICE

AIR MINISTRY

HEADSTONE DRIVE

HARROW

MIDDLESEX

13/1/4/3

30th July, 1954

13/1/4/3

Dear Dr. Schumann,

Referring to your letter M.13/1/4/3 of 6th August, 1953, we note your intention is that the private position cypher used by whaling ships, operating in the Antarctic, should be replaced every two years. The Tables K and L used respectively by the ships of Messrs. Salvesen and Company and Hector Whaling Limited, during the Season 1952-53 and 1953-54 will thus become obsolete for the coming Season 1954-55.

We have not yet received from the Whaling Companies any details of their proposed programme for this coming Season, but in past years we have had to equip their ships towards the end of August. If you still think it necessary to change the cyphers, I shall be grateful if you will please let me have, at your earliest opportunity, copies of the new private position cyphers to be used by the ships of these two Companies during the next two years so that we may arrange to put them aboard their ships with their instruments. I presume you will at the same time send a copy of each of the cyphers to the Meteorological Service of Australia (and of the Falkland Islands).

/ I shall

Dr. T. E. W. Schumann,  
Weather Bureau,  
Department of Transport,  
Private Bag 97,  
Pretoria,  
Union of South Africa.

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Private Bag 97.

137  
M.13/4/3. (5)

M 13/1/4/3

28 AUG 1954

AIRMAIL.

The Director,  
Meteorological Office,  
Headstone Drive,  
Harrow,  
MIDDLESEX.  
ENGLAND.

Dear Colleague,

Thank you for your letter (E.15288/52/M.O.1) of 30th July in connection with ciphers for Whaling Ships. Since suggesting that these ciphers be changed every two years I have found that there is quite a lot of opposition in some ships to making such changes. They like to continue using the tables they are accustomed to and other reasons of that kind have been put forward.

If the masters of ships themselves are content to continue the use of tables for more than two years I see no reason why that should be changed and it is therefore suggested that Tables K and L be retained unless a change is requested.

If additional copies are required please let me know but the number of spare copies is now rather low.

*Ans*  
T. SCHUMANM

DIRECTOR.

JAK/HEP. 26/8.

whales during the last season. It is hoped that other ships will not cease reporting as the Sir James Clark Ross did during the last season. However if there is any possibility of whaling ships not being able to send reports after each main synoptic it may be as well to inform the masters that reports may be sent at any convenient time once a day, or even less frequently in special circumstances. Such an arrangement would be preferable to that of the complete discontinuance of reports as in the case of the Sir James Clark Ross.

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Australia/.....



Private Bag 97

M.13/1/4/3

2 SEP 1954

Port Met. Office,  
P.O. Box 2761,  
CAPE TOWN.

WHALING SHIPS.

Are there any matters to be taken up before ships leave their home posts for the 1954-1955 Antarctic Whaling season?

JAK King  
+ DIRECTOR.

JAK/MK  
1/9/54

cease reporting as the Sir James Clark Ross did during the last season. However if there is any possibility of whaling ships not being able to send reports after each main synoptic it may be as well to inform the masters that reports may be sent at any convenient time once a day, or even less frequently in special circumstances. Such an arrangement would be preferable to that of the complete discontinuance of reports as in the case of the Sir James Clark Ross.

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Australia/.....

(2) Weather bulletins for Antarctic whaling vessels from South Georgia.

Gale/storm warnings for the area south of 50°S between 45°W and 10°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from South Georgia

Call sign            ZBH

Times of transmission:    0215        1515        2115 GMT

Frequencies        500 kcs and 8333 kcs.

5. Synoptic Reports from Ships:

(1) Messages containing reports of observations at 0000, 0600, 1200 and 1800 GMT would be greatly appreciated, but if it is only possible to send one daily message, reports at 1200 GMT would be preferred. Reports of observations at the other times, even if sent late as "retards", would be most useful.

(2) Reports should be sent in International Code in the following form:-

YQ<sub>L</sub>L<sub>L</sub>L<sub>L</sub> L<sub>O</sub>L<sub>O</sub>L<sub>O</sub>GG N<sub>d</sub>ff VV<sub>w</sub>W PPPT N<sub>h</sub>C<sub>L</sub>hC<sub>M</sub>C<sub>H</sub>  
D<sub>s</sub>V<sub>s</sub>app

followed by any other additional groups of information known to the observer, or by plain language remarks regarding the pack ice boundary when this can be observed.

(3) For security purposes the figures given in the Confidential position Code (Table ....) supplied to your ship should be substituted for L<sub>a</sub>L<sub>a</sub>L<sub>a</sub> and L<sub>o</sub>L<sub>o</sub>L<sub>o</sub> in the coded weather report.

(4) Synoptic reports should be addressed to MET PRETORIA and transmitted through Cape Town Radio or addressed to WEATHER MELBOURNE and transmitted through Sydney Radio (VIS) or through Perth Radio (VIP).

Issued by: Weather Bureau,  
Private Bag 97,  
Pretoria.  
South Africa.

WEATHER SERVICE FOR ANTARCTIC SHIPPING

1953 - 1954

1. Details are given below about the Weather Service which will be available for ships in the Antarctic during the whaling season 1953 - 1954. Except for reports from the Falkland Islands and Dependencies and from island stations in the Southern Ocean the meteorological services concerned are dependent on reports from shipping for the provision of this service. Its success therefore depends largely on your co-operation - the greater the number of ships which report, the more reliable will the service become.

2. Service provided by Weather Bureau, Union of South Africa.

Station: Cape Town Radio

Time of Transmission: ~~2130~~ GMT. 2200 GMT.

<u>Call signs</u>	<u>Frequencies</u>
ZSL 2	4725
ZSL	119.15 kcs
ZSL 3	8333 kcs
ZSL 4	12772.5 kcs
ZSL 5	16670 kcs

Area covered: 30° South to 70° South  
60° West to 90° East

Form of message: "Antarctic Inference." Message in plain language (English) giving the position of centres of depressions and anticyclones, and their direction and speed of movement based on 1200 GMT observations.

3. Service provided by Meteorological Branch, Australia

(a) Southern Ocean Analysis (in code form) broadcast at 1230 GMT.

(b) Plain language inference broadcast at ~~1530~~ <sup>1700</sup> GMT. for the area South of 50°S and between 90° East and 180° East.

Broadcasting station: Canberra

Times of transmission: (a) 1230 GMT (b) ~~1530~~ <sup>1700</sup> GMT.

Call sign - VNCN

Frequencies: 2628 kcs  $\frac{1}{2}$  KW  
5100 ~~5560~~ " 5 "  
10485 " 10 "  
13920 " 10 "

4. Service provided by Falkland Islands and Dependencies Meteorological Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZPH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZPH 88)

(2) Weather bulletins for Antarctic whaling vessels from South Georgia.

Gale/storm warnings for the area south of 50°S between 45°W and 10°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from South Georgia

Cell sign            ZBH

Times of transmission:    0215        1515        2115 GMT

Frequencies        500 kcs and 8333 kcs.

5. Synoptic Reports from Ships:

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(2) Reports should be sent in International Code in the following form:-

YQL<sub>a</sub>L<sub>a</sub>L<sub>a</sub>    L<sub>o</sub>L<sub>o</sub>L<sub>o</sub>GG    Nddff    VVwwW    PPPTT    N<sub>n</sub>C<sub>L</sub>hC<sub>M</sub>C<sub>H</sub>  
D<sub>s</sub>V<sub>s</sub>app

followed by any other additional groups of information known to the observer, or by plain language remarks regarding the pack ice boundary when this can be observed.

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Issued by:    Weather Bureau,  
                 Private Bag 97,  
                 Pretoria.  
                 South Africa.

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1953 - 1954

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2. Service provided by Weather Bureau, Union of South Africa.

Station: Cape Town Radio

Time of Transmission: ~~2130 GMT~~ 2200 G.M.T.

<u>Call signs</u>	<u>Frequencies</u>
ZSL 2	4723
ZSL	119.15 kcs
ZSL 3	8333 kcs
ZSL 4	12772.5 kcs
ZSL 5	16670 kcs

Area covered: 30° South to 70° South  
60° West to 90° East

Form of message: "Antarctic Inference." Message in plain language (English) giving the position of centres of depressions and anticyclones, and their direction and speed of movement based on 1200 GMT observations.

3. Service provided by Meteorological Branch, Australia

(a) Southern Ocean Analysis (in code form) broadcast at 1230 GMT.

(b) Plain language inference broadcast at ~~1530~~ <sup>1700</sup> GMT for the area South of 50°S and between 90° East and 180° East.

Broadcasting station: Canberra

Times of transmission: (a) 1230 GMT (b) ~~1530~~ <sup>1700</sup> GMT.

Call sign - VNCN

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Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

(2) Weather bulletins for Antarctic whaling vessels from South Georgia.

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YQLaLaLa L<sub>0</sub>L<sub>0</sub>L<sub>0</sub>GG Ndiff VVwwW PPPTT N<sub>h</sub>C<sub>L</sub>hC<sub>M</sub>C<sub>H</sub>  
D<sub>s</sub>V<sub>s</sub>app

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(4) Synoptic reports should be addressed to MET PRETORIA and transmitted through Cape Town Radio or addressed to WEATHER MELBOURNE and transmitted through Sydney Radio (VIS) or through Perth Radio (VIP).

Issued by: Weather Bureau,  
Private Bag 97,  
Pretoria.  
South Africa.

WEATHER SERVICE FOR ANTARCTIC SHIPPING

1953 - 1954

1. Details are given below about the Weather Service which will be available for ships in the Antarctic during the whaling season 1953 - 1954. Except for reports from the Falkland Islands and Dependencies and from island stations in the Southern Ocean the meteorological services concerned are dependent on reports from shipping for the provision of this service. Its success therefore depends largely on your co-operation - the greater the number of ships which report, the more reliable will the service become.

2. Service provided by Weather Bureau, Union of South Africa.

Station: Cape Town Radio

Time of Transmission: ~~1230 GMT~~ 2200 G.M.T.

<u>Call signs</u>	<u>Frequencies</u>
ZSL 2	4721
ZSL	119.15 kcs
ZSL 3	8333 kcs
ZSL 4	12772.5 kcs
ZSL 5	16670 kcs

Area covered: 30° South to 70° South  
60° West to 90° East

Form of message: "Antarctic Inference." Message in plain language (English) giving the position of centres of depressions and anticyclones, and their direction and speed of movement based on 1200 GMT observations.

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Broadcasting station: Canberra

Times of transmission: (a) 1230 GMT (b) <sup>1700</sup>~~1530~~ GMT.

Call sign - VNCN

Frequencies: 2628 kcs  $\frac{1}{2}$  Kw  
5100 5560 " 5 "  
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Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

Gelieve in u antwoord te verwys na in reply please quote

UNIE VAN SUID-AFRIKA.



UNION OF SOUTH AFRICA.

No. ....

M. 13/1/4/3

KANTOOR VAN DIE—OFFICE OF THE

DEPT. OF TRANSPORT  
WEATHER BUREAU  
9-9-1954  
DEPT. VAN VERVOER  
WEERBURO

Port Meteorological Office,  
P. O. Box 2761,  
CAPE TOWN.

8th September 1954

The Director,  
Weather Bureau  
Private Bag 97,  
PRETORIA.

WHALING SHIPS.

With reference to your M. 13/1/4/3 dated 2nd. September 1954, I do not think there are any matters to be taken up, unless it is to encourage the ships and thank them for what they did last year - with the exceptions of the SIR JAMES CLARK ROSS and the SLAVA!

I am glad that the same cyphers are to be used again this year (and so will the ships be glad).

Could you please find out from Australia, South Georgia, Falklands and also CAPE TOWN RADIO whether the same services are to be maintained next season (see enclosure) and consider the republication of the enclosed for 1954-55? I enclose 6 spare copies which you may wish to send them to them for checking purposes.

Copy for the  
Officer in Charge,  
Weather Office, Wingfield.

*A.B. Crawford*  
Port Meteorological Officer.

13920 " 10 "

4. Service provided by Falkland Islands and Dependencies Meteorological Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)



M. 13/1/4/3

Z. 36.

Africa.  
- Afrika.

DEPARTMENT OF TRANSPORT  
WEATHER BUREAU  
8-11-1954  
DEPT. OF TRANSPORT  
WEATHER BUREAU

5th Nov. 19 54

Port Met  
Cape Town

The Director,  
Weather Bureau, Pta.

ENT

WHALING SHIPS.  
))-----((

My letter M. 13/1/4/3 dated 8th September refers.

I should be glad to have a supply of the forms ordered, please, as the whaling ships will soon begin to arrive (within 10 days to a fortnight.)

*A.B. Crawford*

I am glad that the same cyphers are to be used again this year (and so will the ships be glad).

Could you please find out from Australia, South Georgia, Falklands and also CAPE TOWN RADIO whether the same services are to be maintained next season (see enclosure) and consider the republication of the enclosed for 1954-55? I enclose 6 spare copies which you may wish to send them to them for checking purposes.

Copy for the  
Officer in Charge,  
Weather Office, Wingfield.

*A.B. Crawford*  
Port Meteorological Officer.

13920 " 10 "

4. Service provided by Falkland Islands and Dependencies Meteorological Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

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Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

Private Bag 97.

N. 13/1/4/3.

16.9.54.

The Director,  
Meteorological Branch,  
P.O. Box 1289 K.  
MELBOURNE.  
Australia.

REPORTS FROM WHALING SHIPS.

I enclose herewith a copy of the circular issued to Ships during the last Whaling Season giving information about the Weather Service for Antarctic Shipping. I should be glad if you would please check the section applicable to your service and advise me of any amendments so that an up-to-date circular may be issued at the beginning of the coming Whaling Season.

DIRECTOR.

JAK/HEP. 13/9.

Service. by Falkland Islands and Dependencies Meteorological

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

Private Bag 97.

M.13/1/4/3.

14  
9

16.9.54

The Chief Meteorologist,  
Falkland Islands Dependency Survey,  
Port Stanley,  
FAKLAND ISLANDS.

REPORTS FROM WHALING SHIPS.

I enclose herewith a copy of the circular issued to Ships during the last Whaling Season giving information about the Weather Service for Antarctic Shipping. I should be glad if you would please check the section applicable to your service and advise me of any amendments so that an up-to-date circular may be issued at the beginning of the coming Whaling Season.

DIRECTOR.

I also enclose two copies (one for S. George) of the copies which will be used for whaling ship collective broadcasts in

JAK/HEP. 13/9. the 1954-1955 season

Falkland Islands and Dependencies Meteorological Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZPH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZPH 88)

With reference to your difficulty about getting reports to Australia, I wonder if it would be feasible to have them relayed through Colombo as I gather Colombo has a very powerful naval radio station. This is only a suggestion and I realise that the question of cost may prevent it from being done.

1/3.

I am interested to hear about the work you are doing on Antarctic meteorology as a result of reports you have received from ships generally.

984

Referring to the question of cyphers, I presume you will take the necessary action about supplying new cyphers to Meteorological Services for the season 1954/55. As this season will very soon be upon us I suggest very early action is necessary.

Yours sincerely,

President, Maritime Commission.

Ships gather Service check the reports so that missing Whaling

*Frank*

*[Signature]*

Dr. F. W. Schumann  
The Director  
Weather Bureau Dept. of Transport  
P.O. Box 398  
Pretoria  
Union of South Africa

Come to S. George and K

the upper whaling ship collective broadcast is

JAK/HEP. 13/9. the 1954-1955 season

Services and Dependencies Meteorological Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

IMPORTANT

METEOROLOGICAL OFFICE,

AIR MINISTRY,

HEADSTONE DRIVE,

HARROW,

MIDDLESEX.

14/3.

7th September, 1954.

Dear Dr. Schumann,

Thank you for your letter of 10th August, No.M.13/1/4/3 in which you have given satisfactory figures about the operation of the "Whaling Ship Scheme" during the 1953/4 Season.

I shall be grateful if you will please let me know the names and nationalities of all the ships which co-operated during that season because if you have no objection I would like to send an extract of your letter to the Director of the Meteorological Service of all the countries concerned. I shall be glad if you will confirm that you have no objection to my doing this. I feel they would be gratified to see these results in general.

I am sorry about the fact that you received no reports from the, Sir James Clark Ross, during the season; I hope your suggestion about their sending reports at some time after the main synoptic time will tend to overcome this difficulty.

I do not propose mentioning the Sir James Clark Ross to anybody but the Norwegian Authorities, as I do not think it would be desirable to do so.

/With

Dr. T. E. W. Schumann,  
The Director,  
Weather Bureau, Dept. of Transport,  
P.O. Box 399,  
Pretoria,  
Union of South Africa.

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*Whaling ship Atlantic broadcast in*

JAK/HEP. 13/9. the 1954-1955 season

Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

//////// Private Bag 97

M.13/1/4/3

REGISTERED.

31 SEP 1954

The Director,  
National Meteorological Service,  
1 Quai Branly,  
PARIS 7.

Dear Colleague,

I enclose three copies of the cipher which will be used for broadcasts of whaling ship collectives during the 1955-1956 Whaling Season. These are being sent to you well in advance so that you may supply the table to Kerguelen Island or other similar stations with the next relief expedition and so ensure that the cipher will be available for use at the beginning of the Whaling Season.

Yours sincerely,



DIRECTOR.

Encl.  
JAK./ALG.  
17-9-54

Antarctic Dependencies Meteorological Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

2/ . . .

////////// Private Bag 97

M.13/1/4/3

1077  
12

REGISTERED.

21 SEP 1954


The Director,  
Meteorological Branch,  
P.O. Box 1289 K,  
MELBOURNE.  
Australia.

Dear Colleague,

I enclose three copies of the ciphers which will be used for broadcasts of whaling ship collectives during the 1955-1956 whaling season. These are being sent to you well in advance so that you may supply the table to Heard Island or Mawson or other similar stations with the next relief expedition and so ensure that the cipher will be available for use at the beginning of the Whaling Season.

An additional copy of the table for use in the 1954-1955 season is enclosed.

Yours sincerely,

  
DIRECTOR.

Encl.

JAK./ALG.  
17-9-54

Services and Dependencies Meteorological Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

////////// Private Bag 97

M.13/1/4/3

13

REGISTERED.

21 SEP 1954

The Director,  
New Zealand Meteorological Service,  
P.O. Box 722,  
WELLINGTON.  
New Zealand.

CIPHERS FOR WHALING SHIP COLLECTIVES.

Dear Colleague,

I enclose herewith one copy of the cipher which will be used during the whaling season 1954 to 1955 for enciphering positions of whaling ships in collective broadcasts which will be made from Cape Town and Canberra. The times of transmission have not yet been finally fixed but will be advised as soon as possible.

The cipher is a simple substitution cipher in which the values of L<sub>1</sub>L<sub>1</sub>L<sub>1</sub> and L<sub>0</sub>L<sub>0</sub>L<sub>0</sub> are given against those reported. For example if 855 is reported the value would be 061. Note also that 855 is obtained by reference to 061.

Broadcasts are expected to begin early in December and continue until March.

Yours sincerely,

*L*  
DIRECTOR.

Encl.

JAK./ALG.  
17-9-54

Service. and Dependencies Meteorological

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)



Private Bag 97

M.13/1/4/3

21 SEP 1954

REGISTERED.

The Director,  
Meteorological Service,  
TANANARIVE.  
Madagascar.

CIPHERS FOR WHALING SHIP COLLECTIVES

Dear Colleague,


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The cipher is a simple substitution cipher in which the values of  $L_eL_eL_e$  and  $L_oL_oL_o$  are given against those reported. For example if 855 is reported the value would be 061. Note also that 855 is obtained by reference to 061.

Broadcasts are expected to begin in December and continue until March.

Yours sincerely,

Encl.

  
DIRECTOR.

JAK/ALG.  
17-9-54

Services and Dependencies Meteorological

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of  $50^{\circ}$ S between  $70^{\circ}$ W and  $40^{\circ}$ W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

2/ . . .

//////////Private Bag 97

M.13/1/4/3

(12)

21 SEP 1954

REGISTERED.

The Director,  
Meteorological Office,  
P.O. Box 66,  
Causeway,  
SALISBURY.  
Rhodesia.

CIPHERS FOR WHALING SHIP COLLECTIVES


Dear Colleague,

I enclose herewith one copy of the cipher which will be used during the whaling season 1954 to 1955 for enciphering positions of whaling ships in collective broadcasts which will be made from Cape Town and Canberra. The times of transmission have not yet been finally fixed but will be advised as soon as possible.

The cipher is a simple substitution cipher in which the values of L<sub>a</sub>L<sub>b</sub>L<sub>c</sub> and L<sub>o</sub>L<sub>o</sub>L<sub>o</sub> are given against those reported. For example if 855 is reported the value would be 061. Note also that 855 is obtained by reference to 061.

Broadcasts are expected to begin in December and continue until March.

Yours sincerely,

  
DIRECTOR.

Incl.

JAK./ALG.  
16-9-54

Service. Antarctic Dependencies Meteorological

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

<u>Call signs</u>	VPC	ZFH 88		
<u>Times of transmission</u>	0200	1500	2100	GMT
<u>Frequencies</u>	8195 kcs (VPC)	7425 kcs (ZFH 88)		

Private Bag 97

M.13/1/4/3

16

21 SEP 1954

REGISTERED.

The Director,  
Meteorological Service,  
Praça 15 de Nov.,  
RIO DE JANEIRO.  
Brazil.

CIPHERS FOR WHALING SHIP COLLECTIVES.

Dear Colleague,

I enclose herewith one copy of the cipher which will be used during the whaling season 1954 to 1955 for enciphering positions of whaling ships in collective broadcasts which will be made from Cape Town and Canberra. The times of transmission have not yet been finally fixed but will be advised as soon as possible.

The cipher is a simple substitution cipher in which the values of LaLaLa and LoLoLo are given against those reported. For example if 855 is reported the value would be 061. Note also that 855 is obtained by reference to 061.

Broadcasts are expected to begin in December and continue until March.

Yours sincerely,

DIRECTOR.

Encl.

JAK./ALG.  
16-9-54

Services and Dependencies Meteorological Service.

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Call signs            VPC            ZFH 88

Times of transmission    0200    1500    2100    GMT

Frequencies            8195 kcs (VPC)    7425 kcs (ZFH 88)

(17)

REGISTERED.

21 SEP 1954

The Director,  
National Meteorological Service,  
Paseo Colon 317,  
BUENOS AIRES.  
Argentina.

CIPHERS FOR WHALING SHIP COLLECTIVES

Dear Colleague,

I enclose herewith one copy of the cipher which will be used during the whaling season 1954 to 1955 for enciphering positions of whaling ships in collective broadcasts which will be made from Cape Town and Canberra. The times of transmission have not yet been finally fixed but will be advised as soon as possible.

The cipher is a simple substitution cipher in which the values of LaLaLa and LoLoLo are given against those reported. For example if 855 is reported the value would be 061. Note also that 855 is obtained by reference to 061.

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Yours sincerely,



DIRECTOR.

Incl.

JAK./ALG.  
16-9-54

Services and Dependencies Meteorological Service.

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Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

Private Bag 97

M.13/1/4/3

31 SEP 1954

AIRMAIL

The Chief Meteorologist,  
Falkland Islands Dependency Survey,  
Port Stanley,  
FALKLAND ISLANDS.

Dear Colleague,

I regret that the enclosure referred to in my minute of 16th September was omitted. The relative part is enclosed herewith.

Yours sincerely,

*J.H. King*  
DIRECTOR.

Encl.

JAK./ALO.  
18-9-54

Antarctic Dependencies Meteorological Service.

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

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Times of transmission 0200 1500 2100 GMT

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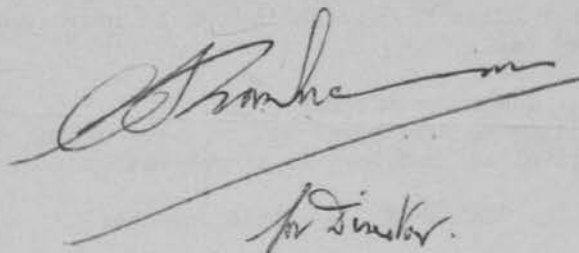
"Powell" - late December

"Biscoe" - late January.

Of these, "Balaena", "Powell" and "Biscoe" are already carrying our instruments. We are sending out a set of instruments each for "Thule" and "Bransfield" to your Port Meteorological Officer in Cape Town for him to install when the ships arrive as in past years. He will doubtless be visiting all the ships and supplying them with their position cypher.

I hope this arrangement will be satisfactory to you.

Yours sincerely,



R. Simons

1/4/3

SEP 1954

e of 16th  
arwith.

Service.

- (1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

Call signs VPC ZFH 88

Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

**IMPORTANT**

All communications must be addressed to THE DIRECTOR

In reply to this letter quote  
E. 15288/52/M.O.1

Your Ref.:

Telegrams:—WEA\_HER, HARROW

Telephone:—HARROW 4331  
Ext.

METEOROLOGICAL OFFICE M.O.1

AIR MINISTRY

HEADSTONE DRIVE

HARROW

MIDDLESEX

22nd September, 1954

Dear Dr. Schumann,

*Requies*

Referring to your letter M.13/4/3 of 28th August, 1954, we have now heard from both British Whaling Companies; Messrs. Chris. Salvesen & Co. and Messrs. Hector Whaling Ltd., and they have no objection to the same private position cyphers being used in the forthcoming Season.

*min* { We shall not need to bother you with supplying us with fresh copies, as we have our Master copy and can duplicate them here.

We have already recruited the "Southern Opal" and the other ships of Salvesen's will be recruited and supplied before they sail.

The ships of Messrs. Hector Whaling Ltd. will not be calling at U.K. ports but will be calling at Cape Town. Their arrival at that Port is approximately as follows:-

"Balaena" - late November

"Thule" and

"Bransfield" - mid December

/ "Powell"

Dr. T. E. W. Schumann,  
Director, Weather Bureau,  
Department of Transport,  
Private Bag 97,  
Pretoria,  
Union of South Africa.

service. and Dependencies Meteorological

(1) Weather bulletins for Antarctic whaling vessels from Port Stanley.

Gale/storm warnings for the area South of 50°S between 70°W and 40°W with a brief description of the situation and with a forecast for the area affected are broadcast three times daily from Port Stanley.

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Times of transmission 0200 1500 2100 GMT

Frequencies 8195 kcs (VPC) 7425 kcs (ZFH 88)

Private Bag 97.

M.13/1/4/3.

5 OCT 1954

Port Meteorological Officer,  
P.O. Box 2761,  
CAPE TOWN.

WHALING SHIPS.

For your information the following is an extract from a letter from the British Meteorological Office.

"We have now heard from both British Whaling Companies; Messrs. Chris. Salvesen & Co. and Messrs. Hector Whaling Ltd., and they have no objection to the same private position cyphers being used in the forthcoming Season.

We have already recruited the "Southern Opal" and the other ships of Salvesen's will be recruited and supplied before they sail.

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"Thule" and  
"Bransfield" - mid December

"Powell" - late December

"Biscoe" - late January.

Of these, "Balaena", "Powell" and "Biscoe" are already carrying our instruments. We are sending out a set of instruments each for "Thule" and "Bransfield" to your Port Meteorological Officer in Cape Town for him to install when the ships arrive as in past years. He will doubtless be visiting all the ships and supplying them with their position cypher".

*JA King*  
+ DIRECTOR.

JAK/HEP. 30/9.

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y.



173  
21

# MELSON & MELSON

M 13/1/4/3

TELEGR.ADR.: MELSON, LARVIK.  
TELEFON: SENTRALBORD 3600.

INNEHAVER:  
HEDER G. MELSON  
SKIPPEREDERI - HVALFANGST  
HVALFANGSELSKAPET „GLOBUS“ A/S.  
HVALFANGSELSKAPET „POLARIS“ A/S.



OMH/TR

*Nansen pr. Larvik*, 28th Sept., 1954  
NORWAY



To The Director Meteorological Service,  
P.O.Box 1135,  
Pretoria,  
South Africa.

Dear Sir,

F/F "Norhval".

The captain of our above floating factory ship, Mr. Farmen, has informed us that a "Met-Code" has usually been handed to him on the vessel's call at South Africa on her way down to the Antarctic Fishing Grounds. This year the said factory will, however, not call at any South African ports, and we shall therefore thank you for sending captain Farmen one copy of your code to Curacao, where the factory ship will call on/about 1st November. The address will be:

Captain H.Farmen,  
F/F "Norhval",  
c/o S.E.L. Maduro & Sons,  
Curacao, N.W.I.

The code must be at Curacao not later than 31st of October.

Yours faithfully,

Cc Captain H.Farmen.

Private Bag 97

M.13/1/4/3

174

22

28 OCT 1954

AIR MAIL

REGISTERED.

Capt. H. Farnen,  
F/F "Norhval",  
c/o S.E.L. Maduro & Sons,  
CURACAO, N.W.I.

Dear Capt. Farnen,

Messrs Nelson and Nelson have written and asked me to send you a recoding table for use during the coming season in the Antarctic. I accordingly enclose three copies of Table DD and look forward to receiving reports from your ship. The table (as before) is a substitution cipher and if your latitude or longitude is, say, 63.6 the figures 739, determined from Table DD, are transmitted.

With best wishes for a successful season.

Yours faithfully,

Encl.

The Port Met. Officer,  
P.O. Box 2761,  
CAPE TOWN.

For Your Information.

JAK./ALG.  
5-10-54

JAKong  
+ DIRECTOR

JAKong  
+ DIRECTOR.

~~to~~  
Keys of deciphering  
(decoding)

Mr. Director and dear colleague,

By your M 13/1/4/3 of 12 November 1953,  
you kindly sent me three copies of keys of  
decoding of collective "emissions" of whalers for  
1953 - 1954.

I ~~is~~ should be obliged to you if you could  
send me [~~to~~<sup>for</sup> the same period] the corresponding  
keys of decoding for 1954 - 1955, so that I can  
give them like last year to the chiefs of the  
met. stations of the Islands Amsterdam and  
Kerguelen, of ~~which~~<sup>whose</sup> the departure from Paris  
is foreseen in the first days of December.

Yours faithfully,

---



478  
23  
- 1 OCT 1954

PARIS, le

19

N/Réf. Départ

50898

MM/OM/ML

S.G.A.C.C.

OBJET : Clefs de  
déchiffrement.

LE DIRECTEUR DE LA MÉTÉOROLOGIE  
NATIONALE

à Monsieur le Directeur du Service  
Météorologique de l'Union  
Sud Africaine  
Département of Transport  
Weather Bureau  
Private Bag 97-PRETORIA  
Union Sud Africaine

13/1/4/3

Monsieur le Directeur et Cher Collègue,

Par envoi M. 13/1/4/3 du 12 Novembre 1953, vous avez bien voulu me faire parvenir trois exemplaires des clefs de déchiffrement des émissions collectives des navires baleiniers pour la campagne 1953-1954.

Je vous serais reconnaissant de m'adresser vers la même période les clefs de déchiffrement correspondantes pour la campagne 1954-1955, afin que je puisse les remettre comme l'année dernière en main propre aux chefs des stations météorologiques des Iles Amsterdam et Kerguelen, dont le départ de Paris est prévu dans les premiers jours de décembre.

Je vous prie d'agréer, Monsieur le Directeur et Cher Collègue, l'expression de mes sentiments les meilleurs.

L'Inspecteur Général de la Météorologie  
Directeur  
de la Météorologie Nationale

p.c.

////// Private Bag 97

M.13/1/4/3

24

14 OCT 1954

REGISTERED.

L'Inspecteur General de la Meteorologie,  
Directeur,  
de la Meteorologie Nationale,  
1 Quai Branly,  
PARIS.  
France.

Dear Colleague,

I have received your letter No. 50938 of 1st October and as requested enclose three copies of the table for enciphering positions of Whaling Ships in broadcasts during the 1954-1955 season. I may mention that copies of these codes were sent to you on 12th November 1953 and acknowledged in your letter 52036 of 30th November 1953.

Yours faithfully,

J.A. King  
f DIRECTOR.

Encl.

JAK./HEP.  
13-10-54

Union of South Africa.  
Unie van Suid-Afrika.

Memorandum.

15/10/54

From  
Van

To  
Aan

Post Office Officer  
P.O. Box 2761  
Cape Town

The Director  
Weather Bureau  
Private 977

DEPT. VAN VERVOER  
WEERBURO  
13-10-1954  
WEATHER BUREAU  
DEPT. OF TRANSPORT

M 13/1/4/3.

I should be glad to have  
2 or 3 extra copies of the new  
Table DD. The 2 copies you sent  
have been placed one at Wingfield and  
one at the P.M.O. Others may  
be necessary so I should like a  
few more please

Copy for WINGFIELD

A.B. Crawford  
Port Meteorological Officer

J.H. King  
f DIRECTOR.

Incl.

JAK./HEP.  
13-10-54

36

CENTRAL METEOROLOGICAL OBSERVATORY  
Ote-machi, Chiyoda-ku, Tokyo

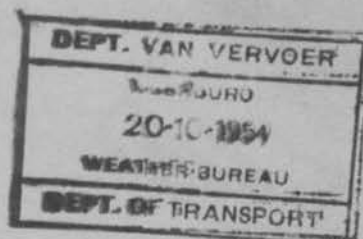
11th October, 1954

CMO 54-

124

13/11/4/3

Director,  
Weather Bureau,  
Department of Transport,  
Private Bag 97,  
PRETORIA,  
Union of South Africa.



Dear Sir,

We appreciate very much your efforts in the past for weather observations and messages from the Antarctic Ocean.

Last autumn we received from you the weather cipher codes and handed them to the Tonan-maru and the Nisshin-maru Fleets, both the Japanese Antarctic whaling fleets, for their use in the last fishery.

We are again ready for delivering the cipher codes to be used for the coming fishery (1954-1955) to the both whaling fleets.

We should be much obliged if you could be kind enough to send us the cipher codes by the last decade of this month when the Japanese whaling fleets are scheduled to leave port.

Sincerely yours,

*K. Koenuma*

Dr. Kan'ichi Koenuma  
Chief, Forecasting Division.

for KIYOO WADATI,  
Director.

*Dr. Koenuma*  
*Nisshin-maru*  
36786

27

CENTRAL METEOROLOGICAL OBSERVATORY

Ote-machi, Chiyoda-ku, Tokyo

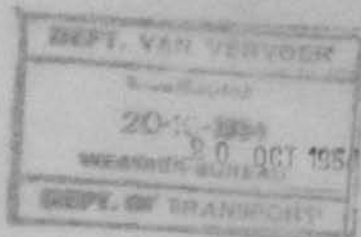
Private Bag 97.

M.13/1/4/3.

11th October, 1954

CMO No. 124

Director,  
Weather Bureau,  
Ministry of Transport,  
Private Bag 97.



AIR MAIL.  
The Director,  
Central Meteorological Observatory,  
Ote-machi,  
Chiyoda-ku,  
TOKYO.  
Japan.

Dear Colleague,

We appreciate your letter CMO 54-124 of 11th October requesting ciphers for use of the Tonan-maru and the Nisshin-maru Fleets. I confirm my cable of today's date reading

Last autumn we received from you the weather cipher codes and handed the "USE SAME WHALING SHIP CIPHERS AS FOR LAST SEASON".

Japanese Antarctic whaling fleets, for their use in the last fishery. Although it was originally intended to change the ciphers annually all the Whaling Ships we are in contact with, the Maritime Commission and the Meteorological Services concerned agreed that the same ciphers should be retained for two or more years. A number of Masters of Whaling Ships were emphatic that the ciphers should not be changed.

I was under the impression that I had written to you in this connection but very much regret that I have apparently not done so. I hope that this arrangement is quite acceptable to you and the Whaling Ships concerned.

Yours sincerely,

Dr. Kaz'ichi Kozuma  
Chief, Forecasting Division.

for KUNIO NAKAYAMA,  
Director. JAK King  
DIRECTOR.

JAK/HEP. 20/10.



DEPARTMENT OF TRANSPORT.-DEPARTEMENT VAN VERVOER.

TELEGRAM AND CABLE FORM  
TELEGRAM EN KABEL VORM.

To be completed in duplicate. The original is to be sent to the teleprinter office and the duplicate placed with the Divisions set/In tweevoud voltooi te word; die oorspronklike na die teledrukkerkantoor gestuur te word en die afskrif by die Afdeling so stel gehou te word.

* Traffic Serial No. Verkeersvolgnommer.	: Class Klas	: Office of origin Kantoor van Her- koms.	: Words. Woorde	: Time Tyd	: Service Instruc- tions. Diensaanwysings.
<u>PX38/1</u>		<u>PRPW</u>	<u>16</u>	<u>2106/13</u>	<u>via Imperial</u>
To Aan	<u>Central meteorological Observatory, Chiyoda-ku Tokyo.</u>				

M403 Use same whaling ship  
ciphers as for last season.

From  
Van Met, Port...

Signature of Sender ... J.A. King ...  
 Handtekening van Afsender J.A. King

Division ... Weather Bureau ...  
 Afdeling

Return to Room No. ... Mr. King ...  
 Stuur terug aan Kamer No. Weather Bureau

\* Sent  
Oorgesein

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\* These columns for teleprinter office use only/Hierdie kolomme slegs vir gebruik deur teledrukker-kantoor.

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DEPARTMENT OF TRANSPORT.-DEPARTEMENT VAN VERVOER.

TELEGRAM AND CABLE FORM  
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To be completed in duplicate. The original is to be sent to the teleprinter office and the duplicate placed with the Divisions set/In tweevoud voltooi te word; die oorspronklike na die teledrukkerkantoor gestuur te word en die afskrif by die Afdeling se stel gehou te word.

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LT					

To  
Aan *Central Meteorological Observatory, Chiyoda-ku Tokyo.*

*M403 Use same whaling ship  
ciphers as for last season.*



From  
Van *Mt. Ruston*

Signature of Sender .....  
Handtekening van Afsender .....  
Division .....  
Afdeling .....  
Return to Room No. ....  
Stuur terug aan Kamer No. ....

\* Sent  
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\* These columns for teleprinter office use only/Hierdie kolomme slegs vir gebruik deur teledrukker-kantoor.

MINISTÈRE DES TRAVAUX PUBLICS  
 DES TRANSPORTS ET DU TOURISME  
 du L'SECRETARIAT GÉNÉRAL À L'AVIATION CIVILE  
 ET COMMERCIALE  
 MÉTÉOROLOGIE NATIONALE  
 1, Quai Branly - PARIS 7  
 Téléphones  
 144 Volants 82-15

*Republique Française*

PARIS, le 18 OCT 1954 19

V/Réf. M. 13/I/4/3 sans date  
 N/Réf. Départ 51748 MN/OM  
 S.G.A.C.C.



LE DIRECTEUR DE LA MÉTÉOROLOGIE  
 NATIONALE  
 à Monsieur le Directeur du Weather  
 Bureau de l'Union  
 Sud-Africaine  
 Private Bag 97  
PRETORIA  
 ( Union Sud-Africaine )

Mon Cher Collège,

J'ai l'honneur de vous accuser réception de votre lettre citée en référence et de vous remercier bien vivement de l'envoi que vous m'avez fait des codes destinés au chiffrement des collectifs des baleiniers pendant la saison 1955-1956.

Veillez agréer, Mon Cher Collège, l'assurance de mes sentiments très distingués.

L'Inspecteur Général de la Météorologie  
 Directeur  
 de la Météorologie Nationale

*J. Hauf*

*acknowledge receipt of letter  
says thank you for codes 1955-56*

M.N. n° 1 851 10000/er  
rb

Return to Room No. ....  
 Stuur terug aan Kamer No. ....

\* These columns for teleprinter office use only / Hierdie kolomme slegs vir gebruik deur teledrukker-kantoor.

31

Private Bag 97

Republique Française

M.13/1/4/3.

PARIS le 18 OCT 1954

V/ref. H. 13/1/4/3 sans date

R/RAC. Départ 5174  
28 OCT 1954, C.O.

Under Secretary,  
Telecommunications,  
G.P.O.  
PRETORIA.

LE DIRECTEUR DE LA METEOROLOGIE  
NATIONALE

Monsieur le Directeur du Weather  
Bureau de l'Union  
Sud-Africain  
Private Bag 97

WEATHER SERVICE FOR WHALING SHIPS.

PRETORIA.

(Union Sud-Africain)

It would be appreciated if the daily broadcasts of the Antarctic Inference could again be made from Cape Town at 2200 G.M.T. during the coming Whaling Season from December to March. If so, would you please advise the call signs, frequencies and power output of the transmitters which will be used.

We should be very glad if the whaling ship collective broadcast previously made from ZSJ7 could be resumed. Previously the times of transmission were 0500 and 1415 GMT. Broadcasts at 0500 GMT were designed for interception in Australia but unfortunately, this did not prove practicable and, as you are aware, it is intended to exchange Whaling Ships and other reports over an RAF point to point circuit via Nairobi. The 0500 GMT broadcast need not therefore be continued. With regard to the other broadcast the, Chief Meteorological Officer in the Falkland Islands has written to enquire whether the broadcast could not be made at 1230 GMT instead of 1415 GMT. This would enable him to have the data in good time for forecasts for which the 1415 GMT broadcast are too late and in addition he has volunteered to make a rebroadcast at 1415 G.M.T. for the benefit of some other services in South America apparently unable to intercept ZSJ7 directly. If you can therefore arrange for the broadcast to be made at 1230 GMT on a suitable frequency and with adequate power to ensure satisfactory reception at Port Stanley this would be very much appreciated. I may say that reception has been very satisfactory in previous years at both Port Stanley and in South Georgia.

J.A. King  
† DIRECTOR.

Return to Room No. ...  
Monsieur terzag and Ester ...

JAK/HEP. 25/10. ... office use only ... gebruik ...

WHALING SHIP REPORTS : SEASON 1953-54.

1. In general, results for the 1953-54 whaling season were disappointing, less reports being received than in the 1952-53 season. Apart from one report from "Briscoe" the only reports received were from the Japanese ships "Tonan Maru", and "Nisshin Maru".

2. Arrangements were made with the Postmaster General's Department and the Overseas Telecommunications Commission for Perth Radio (VIP) to receive whalers' reports in addition to Sydney Radio (VIS) if that station was not workable. The Secretary-General of W.M.O., the President of C.M.M. and the Director of South African Meteorological Services were advised of these arrangements. However, no reports were received other than those mentioned in the aforesaid paragraph, although it is known that there were whaling ships operating in the region for which Australia is the authorised collecting centre.

3. Whaling ship reports "collective" and Southern Ocean "inference" messages were broadcast from R.A.A.F. Canberra (VNCN) effective 1600Z on the 30th November 1953, previous "pilot advices" being broadcast from that station to advise of the commencement of this service.

4. Interception of the South African broadcasts of whalers' weather reports were not successful, although extensive tests and trials were made by the Overseas Telecommunications Commission, the Department of Air and the Department of Civil Aviation. In this respect it is hoped that the opening of the Nairobi-Melbourne R.A.F.-R.A.A.F. service link late in 1954 may enable the interchange of whaling ship reports between Australia and South Africa during the 1954-55 season.

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8 OCT 1954  
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... apparently unable to intercept 2337 directly.  
If you can therefore arrange for the broadcast to be made at 1230 GMT on a suitable frequency and with adequate power to ensure satisfactory reception at Port Stanley this would be very much appreciated. I may say that reception has been very satisfactory in previous years at both Port Stanley and in South Georgia.

J.A. King  
+ DIRECTOR.

Return to Room No. ....  
Rijks Bureau van Kustverkeer

JAK/HEP. 25/10.

teleprinter office was only/Standard Maltese slang vir gebruik  
voor teleprinter-kantoor.

31

Meteorological Office,  
P.O. Box 722,  
WELLINGTON, New Zealand.

Ref: RA 21

8 October, 1954.

The President,  
WMO Maritime Commission,  
Meteorological Office,  
Air Ministry,  
Headstone Drive,  
Harrow, Middlesex,  
ENGLAND.

Dear Commander Frankcom,

WHALING SHIP WEATHER REPORTING SCHEME

I found your letter MCP 13/52 of 10 July awaiting my action on return from the EC-V meeting.

As far as Region V is concerned the whaling ship weather reporting scheme for the last season was a disappointing one. It would seem that there were a number of ships operating in our Region which did not send reports. It is not easy to be sure of the reason for this but I imagine that in some cases at least the arrangements for issuing the appropriate cyphers must have broken down. I am not clear how this matter should be tackled but no doubt you will know what action is appropriate.

You have no doubt already seen the brief statement on this subject that I included in my annual report to EC-V. This statement was based on a short report which Mr. Timcke sent to me at my request. For your information I attach a copy of this.

With kind regards.

Yours sincerely,

(Sgd.) M.A.F. Barnett  
PRESIDENT RA V.

Encl:  
Info copy to:  
Secretary-General WMO.

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8 OCT 1954  
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*J.A. King*  
+ DIRECTOR.

Return to Room No. ...  
Return to Room No. ...

JAK/HEP. 25/10.

teleprinter office use only / Bureau de l'usage des machines à écrire  
deur teleprinter-kantoor.

**IMPORTANT**  
 All communications must be addressed to THE DIRECTOR  
 In reply to this letter quote  
 MCP.13/E  
 Your Ref.:  
 Telegrams:—WEATHER, HARROW  
 Telephone:—HARROW 4331  
 EXT.

DEPT. VAN VERVOER  
 W.E.E.P.  
 10-1954  
 WEATHER  
 DEPT. OF TRANSPORT

METEOROLOGICAL OFFICE  
 AIR MINISTRY  
 HEADSTONE DRIVE  
 HARROW  
 MIDDLESEX

15th October, 1954.

Dear Dr. Schumann,

I enclose herewith copy of a letter I have received from Dr. Barnett (New Zealand) from which you will note that in his area the Whaling Ship Weather Reporting Scheme was rather disappointing last season. Attached also are some comments which Mr. Timcke sent to Dr. Barnett.

I should be glad to have your observations about this report please because it doesn't look to me as though the scheme is working as well as it might.

In particular I would welcome your views about the issue of cyphers, and also as to steps which could be taken to improve the interchange of reports by radio between Australia and South Africa.

Kind regards,

Yours sincerely,

*Stan King*  
 President, Maritime Commission

Dr. T. E. W. Schumann,  
 The Director,  
 Weather Bureau, Dept. of Transport,  
 P.O. Box 399,  
 Pretoria,  
 Union of South Africa.

Française  
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*Stan King*  
 DIRECTOR.

Return to Room No. ....  
 Your telegram and Encl. No. ....

JAK/HEP. 25/10.

teleprinter office was used / Maritië boodskap stels vir gebruik deur teleprinter-kantoor.

////////// Private Bag 97

M.13/1/4/3

01 NOV 1954

AIR MAIL

President,  
Maritime Commission,  
c/o Meteorological Office,  
Headstone Drive,  
HARROW Middlesex.

Dear Comdr. Frankcom,

With reference to your MCP.13/53 and the enclosures I can assure you that all Whaling Factory ships were in possession of the ciphers to enable them to report during the last whaling season. Even the Slava should have been in possession of a cypher! The Sir James Clark Ross held a cypher but did not report for reasons previously referred to. The Australians received reports from the two Japanese ships and we received reports (3750 of them) from all other whaling factory ships known to be in the Antarctic.

The exchange of whaling ship broadcasts between Australia and South Africa has not proved satisfactory and arrangements have been made for those reports to be exchanged via RAF channels through Nairobi. When such interchange of reports is effected it will be possible to keep track of the movements of all reporting ships and it is suggested that a ship entering one sector from the other should be specially requested by radio to transmit reports if this is not in fact being done. We have found a good response from these ships when they become aware of the importance we attach to their reports. The Port Met Officer at Cape Town or a Liaison officer visits all ships which call at Union posts and details of the Weather Service in the Southern Ocean, cyphers climatological charts etc. and all the encouragement we can give are supplied. We are very well pleased with the wholehearted co-operation, (with only a few exceptions) which we have enjoyed.

Yours sincerely,

M. P. VAN ROOY.

DIRECTOR

JAK./ALG.  
28-10-54



13/14/3

UNION OF SOUTH AFRICA  
DEPT. VAN VERVOER



Reference } 33/WEST/10  
Vervysing }  
SIR, 29-10-1954  
MENEER, WEATHER BUREAU  
DEPT. OF TRANSPORT

I have the pleasure to acknowledge receipt of your letter  
Ek erken die ontvangs van u letter

No. M.13/14/3 of the 20/10/54 on the subject of  
No. d.d. betreffende  
weather service for windmills

Your obedient Servant,—U dienswillige.

G.P.-S.452-1951-2-500,000. S.

L.C. BURKE  
POSTMASTER-GENERAL  
POSGEMEESTER-GENERAAL

Porgeld moet vooruit betaal word.  
Postage should be prepaid.

UNIE VAN  
SUID-AFRIKA.



UNION OF  
SOUTH AFRICA.

Meld asb. in u antwoord  
In reply please quote

No. 33/11441/52.

Telefoonno. \_\_\_\_\_  
Telephone No. \_\_\_\_\_

DEPT. VAN WEEERD  
WEERBUREAU  
5-11-1954  
WEATHER BUREAU  
DEPT. OF TRANSPORT

POSKANTOOR,  
POST OFFICE,  
PRETORIA.  
5 November 1954.

Die Direkteur,  
Weerburo,  
PRETORIA.

WEERBERICHT: WALVISSEPE.

Met verwysing na u diensbrief No. M.15/1/4/3, van 20 Oktober 1954 moet ek u medeel dat oorsending van die berigte weer hierdie jaar onderneem sal word.

Die gesamentlike verslag sal op die frekwensie van 17165.6 kh (ZSC7) op 1250 GMT. vir ontvangs te die Falklandeilande uitgesaai word en die "Antarctic Inference" sal op die volgende frekwensies op 2200 GMT oorsend word:-

ZSL	119.15 kh.
ZSL4	8562 kh.
ZSL5	12772.5 kh.
ZSL6	17226 kh.

'n Krag van 5 kilowatt sal vir hierdie uitsendings gebruik word.

*S. Stewart*  
7 POSMEESTER-GENERAAL.

*Oorsending sal  
25 Nov. begin. Mr  
Stewart goed*

/////// Private Bag 97.

M.13/1/4/3.

15 NOV 1954

AIR MAIL.

The Secretary General,  
World Meteorological Organisation,  
1 Avenue de la Paix,  
GENEVA.

WHALING SHIP BROADCAST.

Please issue the following amendment to page 1-17-3a  
of Publication No.9 Fascicule III.

Under times of transmission of whaling ship collective  
broadcast from ZSJ7 substitute 1230 GMT for 0500 and 1415.

Amend call signs frequencies for broadcast of the  
Antarctic inference to:-

ZSL	119.15	kcs
ZSL4	8562	kcs
ZSL5	12772.5	kcs
ZSL6	17228	kcs

The power output of all transmitters will be 5 kw.

**T. SCHUMANN**

DIRECTOR.

JAK/HEP. 11/11/54.

Private Bag 97.

M.13/1/4/3.  
M.13/1/3/3.

15 NOV 1954

15 NOV 1954

AIR MAIL.

Chief Meteorological Officer,  
Falkland Islands and Dependencies,  
Stanley, de la Paz,  
FALKLAND ISLANDS.

Dear Colleague, WHALING SHIP BROADCAST.

With reference to your letter FIDMS 820/54/45 of 13th July, I am pleased to be able to inform you that arrangements have been made for the Whaling Ship collective to be broadcast at 1230 GMT for ZSC7 on 17165.6 kcs. with an output of 5 kw. It may be useful if you could undertake the retransmission of these collectives if other services in South America are unable to intercept our broadcasts. However, I may mention that some time ago when this matter was raised by Brazil or the Argentine (I forget which) we enquired whether they were able to hear broadcasts on any of the other transmitters in use in South Africa with the idea of using that transmitter for Whaling Ship collectives but we received no reply, and therefore assume that there is not a very pressing demand for the data.

The Antarctic Inference will be broadcast at 2200 GMT on the following frequencies.

ZSL	119.15	kcs.
ZSL4	8562	kcs.
ZSL5	12772.5	kcs.
ZSL6	17228	kcs.

T. SCHUMANN

The power output of each of the transmitters to be used is 5 kw.

I hope you will find reception of these broadcasts satisfactory.

JAK/HEP. 11/11/54.

I enclose an additional copy of the cipher for the 1954-1955 collective broadcasts.

Yours faithfully,

T. SCHUMANN

DIRECTOR.

JAK/HEP. 11/11/54.

Private Bag 97.

M.13/1/4/3.

32 NOV 1954

16 NOV 1954

The Director,  
National Meteorological Service,  
Paseo Colon 317,  
BUENOS AIRES,  
Argentina.

Dear Colleague,

WHALING SHIP COLLECTIVE AND ANTARCTIC INFO-

MERGE BROADCASTS.

For your information a Whaling Ship collective broadcast with ship positions in cipher will be made daily from ZSJ7 (3300) at 1230 GMT on 17165.6 kcs. from about 1st December 1954.

An Antarctic Inference for the use of Whaling Ships will be broadcast daily at 2200 GMT from:

ZSL 119.15 kcs.      ZSL5 12772.5 kcs.  
ZSL4 8562 kcs.      ZSL6 17228 kcs.

The power output of all transmitters to be used is 5 kw.

Yours sincerely,

**V. SCHUMANN**

DIRECTOR.

The Director,  
Meteorological Service,  
Praca 15 de Nov.,  
RIO DE JANEIRO,  
Brazil.

The Director,  
Meteorological Service,  
TANANARIVE,  
Madagascar.

The Director,  
New Zealand Meteorological Service,  
P.O. Box 722,  
WELLINGTON,  
New Zealand.

The Director,  
Meteorological Branch,  
P.O. Box 1289 K,  
MELBOURNE,  
Australia.

**V. SCHUMANN**

For your information.

DIRECTOR.

11/14/54

TO P.M.O. WINGFIELD .

FROM MET PRETORIA .

*Handwritten mark*

18-11-54

18 NOV 1954

18 NOV 1954

M 465 .

WHAT IS THE POSITION IN REGARD TO THE MOVEMNETS RPT  
MOVEMENTS OF WHALING SHIPS ? DO YOU THINK THERE WILL BE SUFFICIENT  
SHIPS IN ANTARCTIC TO START INFERENCE AND WHALING SHIP  
COLLECTIVE ON 22 ND NOVEMBER . ~~XXXXXXXXXXXXXXXXXX~~

ANTARCTIC INFERENCE WILL BE BROANDCAST FROM ZSL ON 119.15

ZSL 4 KCS 8562 KCS ZSL 5 12772.5 KCS ZSL 6 17228 KCS

ENDS/KH/ 181150B

ACK PSE ???

OC

CT MET

ACK NS FOR WIMG WINGS

APPENDIX  
COMMONWEALTH OF AUSTRALIA

RADIO FREQUENCIES

VIS & VIP

FOR SERVICE TO SHIPPING

	Ship - Shore Watch kept on	Shore - Ship Station replies on	Time G.M.T.
<u>SYDNEY RADIO</u> <u>(VIS)</u>	*    4177 - 4187 kcs. 19	44 kcs. 4286	0600 - 0300 0300 - 0600
	* 6265.5-6280.5	6428.5	0700-2200
	8354 - 8374	8478	continuous
	12531 - 12561	12907.5	0800-2400
	16708 - 16748	17256.8	2200-0700
	-	22485	0001-0800
* not for foreign ships			
<u>PERTH RADIO</u> <u>(VIP)</u>	8354 - 8374 kcs. 12531 - 12561	8598 } kcs. 12993 }	0000-0030
	12531 - 12561 16708 - 16748	12993 only	0600-0630
	12531 - 12561 8354 - 8374	12993 } 8598 }	1200-1230
	8354 - 8374 12531 - 12561	8598 } 12933 }	1800-1830

COMMONWEALTH OF AUSTRALIA

TELEPHONE: FJ 9171.

PLEASE QUOTE  
NO. 53/2145

LEIF VAN VEEVOER
WESBUREAU
13-11-1954
WEATHER BUREAU
DEPT. OF TRANSPORT

METEOROLOGICAL BRANCH,  
DEPT. OF INTERIOR,  
P.O. BOX 1289 K.  
MELBOURNE, VIC.

11th November, 1954.

AIR MAIL:

The Director,  
Department of Transport,  
Weather Bureau,  
Private Bag 97,  
PRETORIA, South Africa.

13/11/54

Dear Dr. Schumann,

You will note from our reports on experience of the scheme for collection of reports from whaling ships, circulated by the Secretary-General of WMO, that we found the results of this scheme very disappointing.

2. In fact were it not for the co-operation of the Japanese Whaling Ships, no reports at all would have been received from Whaling Fleets during 1953/54 season. This lack of co-operation has occurred despite the special arrangements made with the Postmaster General's Department and the Overseas Telecommunications Commission for Perth Radio (VIP), in addition to Sydney Radio (VIS), to receive Whalers' reports on short wave transmission. It appears that South Africa received considerably greater co-operation.

3. It will be appreciated that it will be found difficult to fulfil the responsibility of broadcasting the special 'inference' messages from Canberra (AXM) for use of Whaling Ships in the Southern Ocean unless these ships co-operate in the transmission of their reports either to Perth (VIP) or Sydney (VIS) when located between 70°E and 160°E that is within the MELBOURNE ship reports collection area, under I.M.O. C.D. 1947 Res. 37.

4. The only Whaling Ships which proceed southwards through Australian waters to the Southern Ocean Whaling Grounds are the Japanese. Apparently all the other Whalers move through either New Zealand or South African Waters to the southern sector of interest to Australia. We are thus unable to make our requirement known to these ships directly as we have done to the Japanese.

5. It would be appreciated if you could arrange for whaling ships passing through South African ports or national waters to be informed of our requirements for the transmission of their reports to Perth or Sydney Radio Stations. For this purpose I am forwarding herewith particulars of the present radio frequencies used by these stations for communications with shipping.

Encl.

Yours sincerely,

*L. J. Dwyer*  
(L. J. DWYER)  
Acting Director

Copies to:- President, C.M.M.  
Secretary-General, W.M.O.

*Copy of this letter  
and 8 other appendices  
sent to P.M.A. on 20/11/54  
Andrew*



217

Privaatsak 97.

M.13/1/4/3.

2145



AIR MAIL

Department of Transport,  
Posmeester-Generaal,  
Poskantoor,  
PRETORIA.

30 NOV 1954

Dear Sir,

VEERBERIGTE - WALVISEKEPE.

Ontvangs van u diensbrief No.33/11441/52 van 5 November 1954 word erken. U gewilligheid om die oorsending

van Walvisberigte te onderneem word hoog op prys gestel. Die eerste Walvissepe is nou in die Atlantiese gebied en ek sal bly wees indien die oorsendings vanaf Donderdag 25 November ingevoer kan word.

It will be appreciated that it will be found difficult to fulfil the responsibility of broadcasting the special 'inference' messages from Canberra (ASB) for use of Whaling Ships in the Southern Ocean unless these ships co-operate in the transmission of their reports either to Perth (VIP) or Sydney (VRS) when located between 70°E and 140°E that is within the whaling reports collection area, under I.N.O. O.S. 1947 Rev. 37.

J.A. King  
DIREKTEUR.

The only Whaling Ships which sail southwards through Australian waters to the Southern Ocean Whaling Grounds are the Japanese. Apparently all the other Whalers move through either New Zealand or South African Waters to the southern sector of the Indian Ocean.

It would be appreciated if you could arrange for whaling ships passing through South African ports or national waters to be informed of our requirements for the transmission of their reports to Perth or Sydney Radio Stations. For this purpose I am forwarding herewith particulars of the present radio frequencies used by these stations for communications with shipping.

...

Encl.

Yours sincerely,

L.J. Dwyer  
(L.J. DWYER)  
Acting Director

Copies to:- President, C.M.M.  
Secretary-General, W.M.O.

Copy of this letter and 8 other appendices sent to P.M.A. on 25/11/54  
M. King

42

13/1/4/3

TO METEOR FALKLANDS

( DEFERRED CABLE )

22 NOV 1954

22 NOV 1954

WHALING COLLECTIVES BEGIN 1230Z 25 NOVEMBER ON

17165.6 KCS FROM ZSC<sup>7</sup>

MET PRETORIA .

FIGS ...

1230 25 17165.6 7

ENDS

43

WORLD METEOROLOGICAL ORGANIZATION - ORGANISATION MÉTÉOROLOGIQUE MONDIALE

SECRETARIAT: AVENUE DE LA PAIX, CAMPAGNE RIGOT - GENEVE

Telephone/Téléphone: 33 51 40

Telegrams/Télégrammes: METEOMOND GENEVE

Please add to all replies to the Secretary-General.  
Veuillez adresser votre réponse au Secrétaire général.

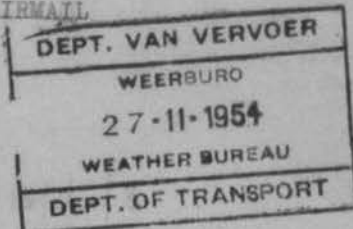
In reply refer to/Dans la réponse, mentionner

No. 14640/54/DT/PT/9

Annexes: 1

GENÈVE, 23 November 1954.

BY AIRMAIL



Dear Sir,

I acknowledge, with thanks, receipt of your letter No. M.13/1/4/3, dated 15 November 1954, regarding amendments to Publication No. 9, Fascicule III.

However, the amended call signs and frequencies of Cape Town mentioned on page I-17-3a no longer correspond with those given on page I-17-3 (Weather Bulletins for Shipping):

Page I-17-3a

Cape Town - ZSL 4 8 562 kc/s  
ZSL 5 12 772,5 kc/s  
ZSL 6 17 228 kc/s

Page I-17-3

Cape Town - ZSL 4 12 772 kc/s  
ZSL 5 16 670 kc/s  
ZSL 6 22 210 kc/s.

In order that Fascicule III may be brought up to date, I am enclosing page I-17-3 with the request that you have it checked and returned to this Secretariat at your earliest convenience.

Yours sincerely,

*Karel Langlo*  
(Dr. K. Langlo)  
Chief of Technical Division.

The Director,  
Department of Transport,  
Weather Bureau,  
Private Bag 97,  
PRETORIA,  
Union of South Africa.

AM

# SOUTH AFRICA

## Weather Messages for Shipping

ÉROLOGIQUE MONDIALE

ENEVE

ams/Télogrammes: METEOMOND GENEVE

Denomination of broadcast: Weather Bulletins for Shipping

Transmitting station Call sign	Broadcast times	Wave-lengths/frequencies Type of waves	Power of station
Cape Town-ZSL	0930, 1730	119,15 kc/s (2 517,83 m)	A <sub>2</sub>
ZSC 4		418 kc/s ( 718 m)	
ZSL 3		8 333 kc/s ( 36,00 m)	
ZSL 6		22 210 kc/s ( 13,51 m)	
ZSL 4		12 772 kc/s ( 23,49 m)	
ZSL 5		16 670 kc/s ( 18,00 m)	
ZSP	1030, 1848	1 665 kc/s ( 180,2 m)	A <sub>3</sub>
South African Broadcasting Corporation	1125, 2035	557 kc/s ( 538,6 m)	A <sub>3</sub>
		656 kc/s ( 457,3 m)	A <sub>3</sub>

1	2	3	4	5
0930	<input checked="" type="checkbox"/> Summary PREVI	In clear In clear In clear	Storm warnings Weather summary Forecasts: (a) Coastal waters 50 miles seaward, Walvis Bay to Lourenço Marques (b) Shipping routes between the Union of South Africa and Europe and North America, from Cape Point to 15° S (c) Shipping route between the Union of South Africa and South America, from Cape Point to Tristan da Cunha (d) Shipping routes between the Union of South Africa and Australia: 1. Longitude 50° E to Durban 2. Cape Point to longitude 50° E	
1030	PREVI	In clear	Forecast: (a)	
1125	<input checked="" type="checkbox"/> PREVI	In clear In clear	Storm warnings Forecast: Coastal waters 50 miles seaward between Walvis Bay and Port Elizabeth	
1730	<input checked="" type="checkbox"/> Summary PREVI	In clear In clear In clear	Storm warnings Weather summary Forecasts: (a) to (d)	
1848	PREVI	In clear	Forecast: (a)	
2035			See 1125	

### Notes:

- a) The area affected is: Coastal waters 50 miles seaward between Walvis Bay and Lourenço Marques and shipping routes between the Union of South Africa and Europe, North America, South America and Australia.
- b) Forecasts cover the following 12-hour period, beginning at 1000 and 2200 GMT respectively.

I - 17 - 3

Ed. 1049, Suppl. No 211

ember 1954.

23250

our letter  
ing amendments

encies of Cape  
spond with those  
ipping):

17-3

ZSL 4 12 772 kc/s  
 ZSL 5 16 670 kc/s  
 ZSL 6 22 210 kc/s.

nt up to date,  
at you have it  
ar earliest

erely,

nglo)  
al Division.

The Director,  
 Department of Transport,  
 Weather Bureau,  
 Private Bag 97,  
 PRETORIA,  
 Union of South Africa.

AM

DEPT. VAN SUID-AFRIKA  
WEERBUREAU  
26-11-1954  
WEATHER BUREAU  
DEPT. OF TRANSPORT

13/1/43

44

Z. 14.

Gelieve in u Antwoord te verwys na  
In Reply Please Quote



No. \_\_\_\_\_

UNIE VAN SUID-AFRIKA.—UNION OF SOUTH AFRICA.  
KANTOOR VAN DIE—OFFICE OF THE

Port Meteorological Office,  
P. O. Box 2761,  
CAPE TOWN.

(URGENT)

25th November 1954.

The Director,  
Weather Bureau,  
Private Bag 97,  
PRETORIA.

WHALING SHIPS' REPORTS TO AUSTRALIA.

I thank you for the copy of the letter from the Acting Director, Australian Weather Service dated 11th November 1954, (His ref. 53/2145), and the 8 copies of the Appendix regarding Ship-Shore & Shore-Ship frequencies.

I shall give these out to factory ships as they come through Cape Town. I shall also encourage them to transmit their reports to Australian stations after passing 70° East.

South Africa's considerably greater co-operation is the result of four important factors: (A) An extremely far-sighted and efficient plain language synopsis (Inference) of the Antarctic waters to the South, West and East of the Union of South Africa during the whaling season, which is sent out from Cape Town regularly from the very beginning of the whaling season. (B) The personal contact with the ships' radio and deck officers in Cape Town. (C) Efficient & keen radio operators in the shore receiving station at CAPE TOWN RADIO. (D) The Prizes. Australia is denied (B), but I am quite sure that a combination of (A) and (C) would result in a greatly improved service. (They might also consider (D)).

If Australia is not receiving co-operation from a certain whaling ship known to be in her area, the Director of the Australian Weather Service must originate a polite signal to the Master of the ship requesting his 6-hourly reports, and then I am sure he would reply favourably.

I propose you send a sample of one of our Antarctic Inferences to show the sort of thing the whalers themselves have regarded as of great value to them in their whaling expeditions in the South. We have several letters which bear testimony of the usefulness of the service sent out daily by Pretoria.

Copy for the Officer in Charge,  
Weather Office, Wingfield, Cape.

*A. B. Crawford*  
Port Meteorological Officer.

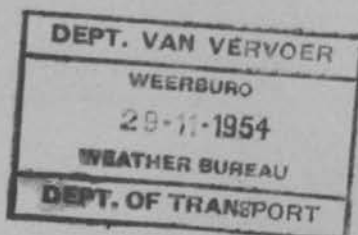
M 13/1/4/3. (45)

CENTRAL METEOROLOGICAL OBSERVATORY  
Ote-machi, Chiyoda-ku, Tokyo

20 November 1954

CMO 54443

Director,  
Weather Bureau,  
Department of Transport,  
Private Bag 97,  
PRETORIA,  
Union of South Africa.



Dear Sir,

I have received with thanks your telegram (M403) and letter (M.13/1/4/3.) concerning the weather cipher codes which are used by Japanese Whaling ships in the Antarctic Ocean. I immediately delivered your messages to the Tonan-maru and the Nisshin-maru Fleets.

I will most willingly deliver the new codes to the Japanese Whaling Fleets if any change in the ciphers be made in future.

I thank you very much for your prompt reply and appreciate your kind arrangement and cooperation for the weather transmission in the Antarctic Ocean.

Yours faithfully,

*Kiyoo Wadati*

Kiyoo Wadati  
Director.

Antarctic inferences to show the sort of thing the whalers themselves have regarded as of great value to them in their whaling expeditions in the South. We have several letters which bear testimony of the usefulness of the service sent out daily by Pretoria.

Copy for the Officer in Charge,  
Weather Office, Wingfield, Cape.

*A.B. Crawford*  
Port Meteorological Officer.

13/4/3

46

Commonwealth of Australia

Department of Interior,  
Meteorological Bureau,  
P.O. Box 1289 K,  
Melbourne, Victoria.  
AUSTRALIA.

DEPT. VAN VERVOER  
WREMBURO  
29-11-1954  
WEATHER BUREAU  
DEPT. OF TRANSPORT

In reply 53/2145/15  
quote -

23rd November, 1954.

The Director,  
Department of Transport,  
Weather Bureau,  
PRETORIA. South Africa.

My Dear Colleague,

Reports from Whaling Ships.

The following details of the Canberra broadcast schedule are set down for your information as requested in your memorandum M.13/1/4/3.

Service provided by Meteorological Branch - Australia.

- (a) Southern Ocean Analysis (in code form) broadcast at 1910 GMT.
- (b) Plain language inference broadcast at 1700 GMT for the area South of 50°S and between 90°East and 180°East.

Broadcasting Station: Canberra

Time of Transmission:

(a) 1900 GMT

(b) 1700 GMT

Call Sign: AXM

Frequencies:

2628 Kcs .5KW (.4KW backing).

5100 Kcs 5KW

11030 Kcs 10KW

13920 Kcs 10KW

Yours faithfully,

*L.J. Dwyer*  
Acting Director (L.J. DWYER) *had.*

hem-  
ing

... of the usefulness of the service sent out daily by Pretoria.

Copy for the Officer in Charge,  
Weather Office, Wingfield, Cape.

*A.B. Crawford*  
Port Meteorological Officer.

(47)

FOR MET WINGFIELD.  
FROM MET PRETORIA.  
\*\*\*\*\*27-11-1954\*\*\*\*\*  
M 484.

PLEASE ADVISE THE CALL SIGNS AND FREQUENCIES NOW IN USE FOR  
TRANSMISSION OF WEATHER BULLETINS FOR SHIPPING AT 0930 ~~1730~~ 1030  
1848 GHT FROM CAPETOWN RADIO.

ENDS. TOT 10.35Z. MESB. TI  
ACK PLEASE WINGFIELD?



48

13/11/54

29 NOV 1954

656

QOK TKS VM  
OK ERE MESSAGE  
TO MET PRETORIA  
FROM MET WINGFIELD

X 164 27-11-54

REF YOUR M484

CALL SINGS AND FREQUENCIES IN USE FOR TRANSMISSION OF WEATHER  
BULLETIN FOR SHIPPING NOW IN USE AS RECEIVED FROM SLANGKOP RADIO

0930Z ZSU5 470 ZSL 119.5 ZSL3 6467 ZSL5 12772  
ZSL6 17228

NOV 1954

1730Z 470 ZSL 119.5 ZSL2 4725 ZSL5 12772 ZSL6 17228

1030Z RT CALL ON 2182 AND GO OVER TO 1665

1849Z RT CALL ON 2182 READING ON 1665

ENDS OK

ACK 1500B

49

650

28 NOV 1954

AAN MET PRETORIA.  
VAN PMO KAAPSTAD.  
X161 25-11-54.  
M13/1/4/3.

28 NOV 1954

ABRAHAM LARSEN WORD OP 8 DESEMBER IN DURBAN VERWAG MAAR MNR SMIT IS MET VERLOF TOT 13 DE. IS DAAR IEMAND DAAR WAT DIE SKIP KAN BESOEK OM WEERRAPPORTE TE REEL. INDIEN IETS GEREEL KAN WORD SAL EK N TOEKENNING PER SKIP NA DURBAN STUUR WAT IN DIE DOKKE OPGETEL MOET WORD EN AAN DIE KAPTEIN VAN DIE ABRAHAM LARSEN TOEGEKEN MOET WORD. ANTWOORD ASSEBLIEF SO GOU AS MOONTLIK SODAT EK DIE PRENT KAN STUUR.

EINDE/NS/251636B  
ERKEN ASB?

ERKEN /KH VIR MET PTA

25 NOV 1954

Republique Française

20

MINISTÈRE DES TRAVAUX PUBLICS  
DES TRANSPORTS ET DU TOURISME

SECRETARIAT GÉNÉRAL A L'AVIATION CIVILE  
ET COMMERCIALE

MÉTÉOROLOGIE NATIONALE

V/Réf. M. I3/I/4/3 du 24 Octobre 1954

1, Quai Branly - PARIS  
Adresse Télégraphique  
METEONAT

DEPT. VAN VERVOER
WEERBURO
20-11-1954
WEATHER BUREAU
DEPT. OF TRANSPORT

N/Réf. Arrivée I4866 du 9 Novembre 1954

N/Réf. Départ: N° 52754 MN/OM/ML  
(à rappeler) S.G.A.C.C.

par Avion

Le Directeur de la Météorologie  
Nationale

OBJET:

à

Emission collective des  
navires baleiniers.

Monsieur le Directeur du Weather Bureau  
de l'Union Sud Africaine  
Department of Transport - Private Bag 97

PRETORIA - Union Sud Africaine

Monsieur le Directeur et Cher Collègue,

J'ai l'honneur d'accuser réception de votre lettre citée  
en référence, par laquelle vous avez bien voulu m'adresser trois  
exemplaires des clefs de déchiffrement des émissions collectives  
des navires baleiniers. (Campagne 1954-1955).

Un exemplaire de ces clefs a été remis en main propre à  
chacun des chefs des stations météorologiques des Iles Amsterdam  
et Kerguelen pour l'année 1955.

Avec les clefs pour la campagne 1955-1956, dont je vous  
ai déjà accusé réception, ils seront en mesure d'utiliser les émis-  
sions collectives des navires baleiniers, aussi bien à la fin qu'au  
début de leur campagne.

Le navire de relève qui a quitté Marseille le 5 Novembre  
embarquera, vers le 15 Décembre, à TAMATAVE, le personnel météoro-  
logue qui rejoindra ce port par la voie aérienne.

Avec mes remerciements, je vous prie d'agréer, Monsieur  
le Directeur et Cher Collègue, l'assurance de mes sentiments très  
distingués.-

L'Inspecteur Général de la Météorologie  
Directeur  
de la Météorologie Nationale

*A. Travi*

M.N. n° 1511 4-52 5000 ex.

REPUBLIC OF SOUTH AFRICA  
POSTAL TELEGRAPH OFFICE

Private Bag 97

M.13/1/4/3

REPUBLIC OF SOUTH AFRICA

RECEIVED
TELECOMMUNICATIONS
11-11-54
DEPT. OF TRANSPORT

9/237. 12. 11/1954  
 9/247. 12. 11/1954  
 9/257. 12. 11/1954  
 9/267. 12. 11/1954  
 9/277. 12. 11/1954  
 9/287. 12. 11/1954  
 9/297. 12. 11/1954  
 9/307. 12. 11/1954  
 9/317. 12. 11/1954  
 9/327. 12. 11/1954  
 9/337. 12. 11/1954  
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 9/837. 12. 11/1954  
 9/847. 12. 11/1954  
 9/857. 12. 11/1954  
 9/867. 12. 11/1954  
 9/877. 12. 11/1954  
 9/887. 12. 11/1954  
 9/897. 12. 11/1954  
 9/907. 12. 11/1954  
 9/917. 12. 11/1954  
 9/927. 12. 11/1954  
 9/937. 12. 11/1954  
 9/947. 12. 11/1954  
 9/957. 12. 11/1954  
 9/967. 12. 11/1954  
 9/977. 12. 11/1954  
 9/987. 12. 11/1954  
 9/997. 12. 11/1954

The Under Secretary,  
 Telecommunications,  
 G.P.O.,  
 PRETORIA.

Le Directeur de la Radiodiffusion  
 Nationale

Dear Sir,

Monsieur le Directeur de la Radiodiffusion Nationale

In reply to an enquiry the Officer in Charge at Cape Town radio has supplied the call signs and frequencies at present in use for the broadcast transmission of weather bulletins for shipping. These are considerably different from those last notified and published by the World Meteorological Organisation. To ensure that the publications concerned are accurate and up to date I should be glad if you would please send me notifications of any changes in the call signs and frequencies used for broadcasting shipping bulletins from the coastal radio stations.

En réponse à votre demande, l'Officier en charge à Capetown a fourni les appels de radio et les fréquences actuellement en usage pour la transmission en diffusion de bulletins météorologiques pour les navires. Ces appels de radio et ces fréquences sont considérablement différents de ceux qui ont été précédemment notifiés et publiés par l'Organisation météorologique mondiale. Afin d'assurer l'exactitude et l'actualité des publications en question, j'aurais été heureux de recevoir de votre part des notifications de toute modification des appels de radio et des fréquences utilisés pour la diffusion de bulletins météorologiques pour les navires à partir des stations de radio côtières.

T. SCHUMANN

DIRECTOR

JAK./ALG.  
 30-11-54

*Nagesian*  
*J.B.R.*

Avec les appels de radio pour les navires, les fréquences actuellement en usage pour la transmission en diffusion de bulletins météorologiques pour les navires sont considérablement différentes de celles qui ont été précédemment notifiées et publiées par l'Organisation météorologique mondiale. Afin d'assurer l'exactitude et l'actualité des publications en question, j'aurais été heureux de recevoir de votre part des notifications de toute modification des appels de radio et des fréquences utilisés pour la diffusion de bulletins météorologiques pour les navires à partir des stations de radio côtières.

Le Directeur de la Radiodiffusion Nationale a été informé de votre demande et a été heureux de recevoir de votre part des notifications de toute modification des appels de radio et des fréquences utilisés pour la diffusion de bulletins météorologiques pour les navires à partir des stations de radio côtières.

Avec nos remerciements, je vous prie d'agréer, Monsieur le Directeur de la Radiodiffusion Nationale, l'assurance de ma haute estime personnelle.

*J.B.R.*

////// Private Bag 97

M.13/1/4/3

2 DEC 1954

AIR MAIL

Secretary General,  
World Meteorological Organisation,  
1 Avenue de la Paix,  
GENEVA,  
Switzerland.

Dear Sir,

In reply to your letter 14640/54/DE/PT/9 of 15th November the cell signs and frequencies now in use for broadcasting shipping bulletins from Cape Town radio are:-

0930 GMT	ZSC5	418	kos
	ZSL	119.5	"
	ZSL3	6467	"
	ZSL5	12772.5	"
	ZSL6	17228	"

1030 GMT Radio telephony; call on 2182 kos and read on 1665 kos

1730 GMT	ZSC5	418	kos
	ZSL	119.5	"
	ZSL2	4725	"
	ZSL5	12772	"
	ZSL6	17228	"

1849 GMT Radio telephony; call on 2182 kos and read on 1665 kos

Thank you for drawing attention to the discrepancy. I am sorry that you were not advised earlier of these changes but unfortunately they were not notified to me.

T. SCHUMANN

DIRECTOR.

*Nagarian*  
*Schumann*

M 13/1/4/3 an Dr Schmidt

663

TO MET PRETORIA

FROM PMO CAPETOWN

X 167 1-12-54

M 13/1/4/3

SEKSERN WILL USE CODE TABLE U STOP

KOS WILL USE CODE TABLE Z STOP

ACK PLSE 1010 ?

Dr. Schmidt  
hervan " kenners geable.  
J. P. ...  
2/12/54

53

PX5

669

2 DEC 1954

PX5/25

MELBOURNEPO 19 2 1530

WEATHER

PREATORIA

PLEASE/FORWARD

PLEASE FORWARD AIR MAIL SIX COPIES TABLE FOR  
BROADCASTS 1954 1955 WHALING SHIP COLLECTIVE

TIMCKE WEAHTER MELBOURNE+

1954 1955 +

*Apfhandel  
J. H. ...*

54

13/1/43

TO METWINGFIELD ( FOR P M O )

FROM MET PRETORIA .

30-11-54

MXNXXX M 485 .

13 1 1954  
12 11 10 9 8 7 6 5 4 3 2 1  
SA 1001054

A LETTER FROM AUSTRALIA ADVISES THAT THE AUSTRALIAN SOUTHERN OCEAN ANALYSIS IN CODE FORM WILL BE BROADCAST AT 1910 GMT AND PLAIN LANGUAGE INFERENCE AT 1700 GMT FROM CANBERRA . THE LATTER WILL COVER AN AREA SOUTH OF 50 DEG SOUTH AND BETWEEN 90 AND 180 DEGS EAST . CALL SIGN AXM FREQUENCIES 2628 5100 11030 13920 KCS .

ENDS/KH/ 301205B

ACK PSE

ACK NS FOR WINGS

e  
s-  
au  
e  
I



//////// Private Bag 97

M.13/1/4/3

55

AIR MAIL

Secretary General,  
World Meteorological Organisation,  
1 Avenue de la Paix,  
GENEVA.  
Switzerland.

58 DEC 1957

Dear Sir,

In reply to your letter 14640/54/DT/PT/9 of 15th November the call signs and frequencies now in use for broadcasting shipping bulletins from Cape Town radio are:-

0930 GMT	ZSC5	418	kcs
	ZSL	119.5	"
	ZSL3	6467	"
	ZSL5	12772.5	"
	ZSL6	17228	"

1030 GMT Radio telephony; call on 2182 kcs and read on 1665 kcs

1730 GMT	ZSC5	418	kcs
	ZSL	119.5	"
	ZSL2	4725	"
	ZSL5	12772	"
	ZSL6	17228	"

1849 GMT Radio telephony; call on 2182 kcs and read on 1665 kcs

Thank you for drawing attention to the discrepancy. I am sorry that you were not advised earlier of these changes but unfortunately they were not notified to me.

T. SCHUMANN

DIRECTOR.

56

Private Bag 97

M.13/1/4/3

DEC 1984

The Under Secretary,  
Telecommunications,  
G.P.O.,  
PRETORIA.

Dear Sir,

In reply to an enquiry the Officer in Charge at Cape Town radio has supplied the call signs and frequencies at present in use for the broadcast transmission of weather bulletins for shipping. These are considerably different from those last notified and published by the World Meteorological Organisation. To ensure that the publications concerned are accurate and up to date I should be glad if you would please send me notifications of any changes in the call signs and frequencies used for broadcasting shipping bulletins from the coastal radio stations.

T. SCHUMANN

DIRECTOR

JAK./ALG.  
30-11-84

Thank you for drawing attention to the discrepancy. I am sorry that you were not advised earlier of these changes and am particularly sorry they were not notified to me.

T. SCHUMANN

DIRECTOR.

36

A U S T R A L I A.  
-----

Weather Service for Antarctic Shipping

1954-55

Station: CANBERRA

Call Sign:            Frequencies:

AXM	2628
	5100
	11030
	13920

Time of Transmission:

PLAIN LANGUAGE.....	1700 G.M.T.
CODE.....	1910 G.M.T.

Area Covered:

South of 50° South, between 90°  
and 180° EAST.

N. B.    When East of 70° East, Whaling ships  
and tankers are especially requested  
to radio their weather reports to  
SYDNEY (VIS) or PERTH (VIP).

ADDRESS OF MESSAGE: WEATHER ESSENDON.

*A. B. Crawford*  
Port Meteorological Officer  
P.O.Box 2761, Cape Town.

5th Dec. 1954

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ations.

N

T. SCHUMANN  
DIRECTOR.

56

A U S T R A L I A.

-----

Weather Service for Antarctic Shipping

1954-55

Station: CANBERRA

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	5100
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ADDRESS OF MESSAGE:    WEATHER ESSENDON.

*A. B. Crawford*

Port Meteorological Officer  
P.O.Box 2761, Cape Town.

5th Dec. 1954

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ations.

N

T. SCHWARTZ  
DIRECTOR.

Gelieve in u antwoord te verwijs na  
In reply please quote

UNIE VAN SUID-AFRIKA.



UNION OF SOUTH AFRICA.

M. 13/1/4/3 KANTOOR VAN DIE—OFFICE OF THE

Hawe-weerkantoor,  
Posbus 2761,  
KAAPSTAD.

DEPT. VAN VERVOER  
14-12-1954  
DEPT. OF TRANSPORT

10 Desember 1954

Die Direkteur,  
Weerburo,  
Privaatsak 97,  
PRETORIA.

AUSTRALIË SE WEERDIENS VIR WALVISVAARDERS.

Met betrekking tot u M 485 gedateer 30/11/54, hiermee is 'n paar kopieë van die besonderhede aangaande Australië se Weerdiens vir die walvisvaarders, wat ek aan hulle oorhandig as hulle hier aankom. Ek sluit twee kopieë in, ~~geraak~~ in geval u wens om een na Australië te stuur, om vir hulle te wys dat ons ons bes doen om hulle aan te moedig om aan "WEATHER ESSENDON" te rapporteer.

Ek stel voor dat as die walvisvaarders uit ons gebied verdwyn, Pretoria kan aan die Direkteur van die Australiese Weerburo per lugpos kan skrywe om vir hom die name van die betrokke skepe te laat weet. Dan kan hy die situasie goed ophou, en as hulle nie aan hulle rapporteer, kan hy die Kapteins van die skepe radiotelegramme stuur met die versoek om aan Essendon weerberigte te stuur. Dan sal hulle miskien beter weerdienste van die walvisvaarders kry, en nie meer aan ons en die W.M.O. sal moet kla nie.

Kopie vir die  
Verantwoordelike Beampste,  
Weerkantoor, WINGFIELD.

*A.B. Crawford*  
Hawe-weerkundige Beampste.

DIRECTOR.

//////// Private Bag 97.

M.13/1/4/3.

18 DEC 1954

AIR MAIL.

The Director,  
Meteorological Branch,  
P.O. Box 1289K,  
MELBOURNE.  
Australia.

Dear Colleague,

In reply to your cable I enclose three copies of the cipher for collective whaling ship broadcasts for 1954 - 1955. I regret that insufficient copies are available to meet your request for six. I should be glad if you would please advise me of the number of copies of these ciphers you would like to receive annually.

Yours sincerely,

*JAK King*  
+ DIRECTOR.

JAK/HEP. 18/12/1954.

DIRECTOR.

(59)

CENTRAL METEOROLOGICAL OBSERVATORY  
Ote-machi, Chiyoda-ku, Tokyo

7th December, 1954

CMD 54- 150

The Director,  
Weather Bureau,  
Department of Transport,  
Private Bag 97,  
PRETORIA,  
Union of South Africa.

DEPT. VAN VERVOER
WEERBURO
13-12-1954
WEATHER BUREAU
DEPT. OF TRANSPORT

Dear Sir,

In addition to the Tonan-maru Fleet and the Nisshin-maru Fleet, the Kinjo-maru Fleet is now on the way to the antarctic whaling grounds to participate newly in the international whaling in the Antarctic Ocean for 1954/55 season as a member of the Japanese whaling fleets. Since it belongs to the Taiyo Gyogyo K.K. same as the Nisshin-maru Fleet, the Table S of the weather ciphers has been assigned also for use by the Kinjo-maru Fleet in the current season.

We have also informed the Director of the Meteorological Branch of Australia to that effect.

If it is desirable, however, for each fleet to use different ciphers, we are ready for delivering also the cipher assigned to the Kinjo-maru Fleet to it, when it participates in the whaling also in the successive seasons.

Thanking you in anticipation of your kind cooperation with the Japanese whaling fleets in weather service,

I remain,

Yours faithfully,

*Kiyoo Wadati*  
Dr. Kiyoo Wadati  
Director.

18 DEC 1954

TO PORT MET OFFICER  
WINGFIELD  
FROM MET PRETORIA  
18-12-54  
M506

DID THE SIR JAMES CLARK ROSS CALL AT CAPE TOWN ON HER  
WAY SOUTH AND IF SO IS THERE ANY HOPE THAT SHE WILL REPORT  
THIS YEAR. IF SHE DID NOT CALL I THINK WE SHOULD SEND A  
RADIOGRAM. CAN YOU FIND OUT HER APPROXIMATE POSITION. WHAT  
CODE IS USED BY JASPTIS PLEASE.

ENDS SS TOT 1045

ACK PSE

S-  
au  
e  
-



13/11/43

WANMMET PRETORIA.

VAN PMO KAAPSTAD.

X180 20-12-54.

20 DEC 1954

DE DEUR  
8 7 6 5 4 3 2 1

MET BETREKKING TOT U M506 JSPIS GEBRUIK DIESELFDE TAFEL SOOS  
KOMOS VIER . EK HET AL N BOODSKAP AAN SIR J.C.ROSS GESTUUR , EN  
ONS SAL HOM DOPHOU. DAARDIE SKIP KOM NIE HIERDIE JAAR IN KAAPSTAD  
AAN NIE.

EINDE/NS/200931B

ERKEN ASB?

*[Handwritten signature]*

RADIO FREQUENCIES  
FOR SERVICE TO SHIPPING/

VIS &amp; VIP

FREQUENCES UTILISEES POUR  
COMMUNICATIONS AVEC NAVIRES

	Ship - Shore/ Navire- Côte Watch kept on/ Service de garde assuré sur	Shore - Ship/ Côte - Navire Station replies on/ La station répond sur	Time GMT/ Heure TMG
SYDNEY RADIO (VIS) RADIO SYDNEY	* 4177 - 4187 Kc/s	44 Kc/s 4286	0600 - 0300 0300 - 0600
	* 6265.5-6280.5	6428.5	0700 - 2200
	8354 - 8374	8478	continuous/ service permanent
	12531 - 12561	12907.5	0800 - 2400
	16708 - 16748	17256.8	2200 - 0700
	-	22485	0001 - 0800
* not for foreign ships/ pas pour navires étrangers			
PERTH RADIO (VIP) RADIO PERTH	8354 - 8374 Kc/s 12531 - 12561	8598 ) Kc/s 12993 )	0000 - 0030
	12531 - 12561 16708 - 16748	12993 only/ seulement	0600 - 0630
	12531 - 12561 8354 - 8374	12993 ) 8598 )	1200 - 1230
	8354 - 8374 12531 - 12561	8598 ) 12933 )	1800 - 1830

WORLD METEOROLOGICAL ORGANIZATION - ORGANISATION METEOROLOGIQUE MONDIALE

SECRETARIAT : AVENUE DE LA PAIX, CAMPAGNE RIGOT - GENEVE

Telephone/Téléphone : 33 51 40

Telegrams/Télégrammes : METEOMOND GENEVE

No. 1 987/54/DT/MA/WS (C.L.-MC/No. 84)  
Annex : 1

Geneva, 30 November 1954.

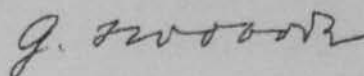
13/1/4/3

Dear Sir,

I would like to take this opportunity to draw your attention again to the availability of Perth Radio Station as an alternative to Sydney Radio for the collection of reports from whaling ships.

The particulars of the radio frequencies on which communications (on short wave transmission) will be sent between the above stations and whaling ships in Southern Hemisphere waters, are forwarded herewith.

Yours sincerely,



(G. SWOBODA)  
Acting Secretary-General

The Director, Meteorological Service of Argentina.  
The Director, Meteorological Service of Australia.  
The Director, Meteorological Service of Brazil.  
The Director, Meteorological Service of Chile.  
The Director, Meteorological Service of New Zealand.  
The Director, Meteorological Service of the United Kingdom (Falkland Islands).  
The Director, Meteorological Service of Uruguay.  
The President, Regional Association I.  
The President, Regional Association III.  
The President, Regional Association V.  
The Director, Meteorological Service of Union of South Africa.  
The Director, Meteorological Service of Netherlands.  
The Director, Meteorological Service of Norway.  
The Director, Meteorological Service of United Kingdom.  
The Director, Meteorological Service of USSR.  
The Director, Meteorological Service of Japan.  
The President, Commission for Maritime Meteorology.  
The President, Commission for Synoptic Meteorology.

11 13/1/4/3

13/1/4/3

8 JAN 1955

JMT2 PJA547 ACP86 DLN1141 DEBILTUT 23 5 1156

*Nederlande*

6

MET PRETORIA

PLEASE SEND SECRET MET CODE FOR TANKER PAPENDRECHT  
UNDER WAY TO ANTARTIC TO SOUTHGEORGIA BEFORE 22

JANUARY ADDRESS SALVESEN COMPANY

KNMI

64  
///// Private Bag 97.

M.13/1/4/3.

8 JAN 1953

AIR MAIL.

Die Directeur,  
Koninklike Nederland Meteorologische Instituut,  
Utrechtse Weg 297,  
DE BILT.  
Holland.

Dear Sir,

I received a signal from de Bilt on the 6th January requesting a secret code for the Tanker Papendrecht under way to the Antarctic to South Georgia. The signal also gave the address as "Salvesen Company".

The previous address of the master of the Papendrecht was:

The Master,  
M.T. Papendrecht,  
Van Ommen N.V.,  
10 Westerlaan,  
ROTTERDAM.

This leaves me very much in doubt as to the correct address. I am very anxious to receive the weather reports from whalers in the Antarctic and in particular from the Papendrecht and perhaps you may be of assistance.

I shall be grateful if you could forward the code (Table Y) to the master of the Papendrecht.

Yours sincerely,

T. SCHRIJNAN

DIRECTOR.

TABLE Y

*MS*

65

Gelieve in u ontcoord  
te verwy's na  
In reply please quote

Z. 14 B.

UNIE VAN  
SUID-AFRIKA.



UNION OF  
SOUTH AFRICA.

KANTOOR VAN DIE—OFFICE OF THE

M. 13/1/4/3

URGENT.

DEPT. VAN VERVOER
WEERBURG
13-1-1955
WEATHER BUREAU
DEPT. OF TRANSPORT

Port Meteorological Office,  
P.O.Box 2761,  
CAPE TOWN.

11th January 1955

The Director,  
Weather Bureau,  
Private Bag 97,  
PRETORIA.

WHALING RE-CIPHER TABLE FOR BOUVET TRIP.

Would it please be possible to either post to me direct - or hand to Mr. Hayward - a copy of the re-ciphering table used for the Falkland Island transmission of the whaling ships weather reports?

This would be no end useful to us on the BOUVET ISLAND trip, and the cipher can be returned upon our return to the Union.

Copy for the  
Officer in Charge,  
Weather Office,  
Wingfield.

*A.B. Brawford*  
Port Meteorological Officer.

*Supplies*

TABLE 7

*AKB*

T. SCHUMANN

DIRECTOR.

66

JMT1

15 JAN 1954

PJA7 ACP195 NR68 PORTSTANLEY/F ETAT 66/64 14 1200

MET

PRETORIA

*20*

RECEIVED  
15 JAN 1954

RECEPTION WHALERS BROADCAST STILL GOOD BUT MISSING END OF  
MESSAGE DUE TO FICOLS AND GRATEFUL IF TRANSMISSION CAN BE  
COMPLETED BY 1300Z IF POSSIBLE STOP MY LETTERS 820/31 DATED 9/4  
AND 820/45 DATED 13/7 REFER STOP YOUR BROADCAST RETRANSMITTED  
AT 1415Z ON 16362 AND 7425 KCS WEF 1ST JANUARY STOP GRATEFUL  
CONFIRMATION TIMES AND FREQUENCIES YOUR FM45 ANALYSIS BROADCASTS  
STOP

METEOR FALKLANDS

.....

TO MET PRETORIA.

FROM MET WINGFIELD.

JAN 1956

(67)

19-1-56.

30

X2

HERE A FEW EXTRACTS FROM THE ANTARCTIC INFERENCE AS RECEIVED BY  
CAPE TOWN RADIO ON 17TH QUOTE.

A WEDGE 1 DEGREE 7 MBS EXTENDS FROM THE REGION BETWEEN FALKLANDS  
AND SOUTH GEORGIA IN THE INTERIOR OF THE WEDDELL SEA.... THE MAJOR  
CENTRE IS AT PRESENT FOUND AT 6 DEGREES SOUTH 2 DEGREES EAST 958 MB..  
A SECONDARY WHICH IS SITUATED AT 62 SOUTH SOUTHEAST OF  
MARION (97 DEGREES MB) WILL LIKELY MOVE SSE WARDS... THE ATLANTIC  
HIGH HAS ITS MAX 1 DEGREE 22 MBS AT 36 SOUTH DUE WEST OF TRISTAN. THE  
INDIAN OCEAN HIGH HAS ONE CELL 1 DEGREE SOUTH 4 MB SOUTH OF  
MADAGASCAR AT 33 SOUTH AND ANOTHER AT 4 DEGREES SOUTH 1 DEGREE  
EAST UNQUOTE .

THE ABOVE WAS PASSED TO ME ON THE MORNING OF THE 18TH WITH THE REMARK  
QUOTE BIG MOAN ABOUT IT FROM WHALERS UNQUOTE.

TO AVOID THIS IN FUTURE I SUGGEST THAT A COPY IS INVARIABLY ADDRESSED  
TO THRPT TO THIS OFFICE . APART FROM SERVING THE PURPOSE OF A  
CHECK IT WILL BE OF INTEREST M TO COMPARE WITH OUR OWN ANALYSIS.

ENDS/NS/19 1210B

ACK PL37

ACK MEBFOR MET PTA

CONFIRMATION TIMES AND FREQUENCIES YOUR FM45 ANALYSIS BROADCASTS

STOP

METEOR FALKLANDS



(68)

TT

METBPTA ..... 17/1/55 .....2200GMT .

CQ DE ZSC .

.....  
ANTARCTIC INFERENCE BASED ON THE 1200GMT  
OBSERVATION ON MONDAY 17/1/55 .  
.....

A WEDGE 1DEGREE<sup>100</sup> 7 MB EXTENDS FROM THE REGION BETWEEN THE FALKLANDS AND SOUTH GEORGIA IN<sup>INTS</sup> THE INTERIOR OF THE WEDDEL SEA , IT IS MOVING EASTWARDS AT 12 TO 15 KNOTS . THE WINDS BETWEEN THE SANDWICH GROUP AND BOUVET I<sup>10</sup>SE WILL BE UNDER THE INFLUENCE OF THE WEDGE AND ARE EXPECTED TO CONTINUE FROM SOUTHERLY DIRECTIONS WITH FORCE 2 TO 4 .

STRONG CYCLONIC ACTIVITY TAKES PLACE BETWEEN THE MERIDIAN OF BOUVET AND THAT OF KERGUELEN . THE MAJOR CENTRE IN THIS DISTURBED AREA IS AT PRESENT FOUND AT 6DEGREES SOUTH 20DEGREES WEST <sup>EAST</sup> RPT THE MAJOR CENTRE IS AT PRESENT FOUND AT 6DEGREES SOUTH 2DEGREES EAST 958MB FROM WHERE IT IS MOVING EASTWARDS AT 20DEGREES KNOTS A SEC WHICH IS SITUATED AT 52 SOUTH SOUTHEAST OF MARION 97DEGREES MB WILL LIKELY MOVE SOUTHSOUTHEASTWARDS AND MERGE WITH THE OLDER SYSTEM . DUE WEST OF MARION AT 2DEGREES EAST A NEW SECONDARY IS ON ITS WAY EASTSOUTH EASTWARDS AT 35 KNOTS UNDER DEEPENING . FINALLY A DEEP STORM LOW IS CENTRED BETWEEN THE KERGEULENS AND HEARD IS. 962MB.

WINDS OFF WESTREN ENDERBY LAND WILL FRESHEN TO GALE FORCE FROM EASTERLY DIRECTION EARLY TONIGHT . DURING TOMORROW THEY ARE EXPECTED TO TURN TO SOUTH AND SOUTH WEST WITH SNOWSHOWERS.

THE ATLANTIC HIGH HAS ITS MAX 1DEGREE 22MB AT 36 SOUTH DUE WEST OF TRISTAN .

THE INDIAN OCEAN HIGH HAS ONE CELL 1DEGREE SOUTH 4MB , SOUTH OF MADAGASCAR AT 33 SOUTH AND ANOTHER AT 4DEGREES SOUTH 1DEGREES EAST .

*Heardie South is 29  
JFK  
24/1*

.....ENDS.....

OK PSE  
E

69

Private Bag 97.

M.13/1/4/3.

25-1-1955

(For Attention Mr. Stewart).

Under Secretary,  
Telecommunication,  
G.P.O.  
PRETORIA.

WHALING SHIP COLLECTIVE BROADCAST 1230 GMT.

The Whaling ship broadcasts at 1230 are being intercepted at Stanley in the Falkland Islands but due to a Meteorological broadcast originated from there it is not possible to continue interception after 1300 GMT and when messages exceed above 300 groups (as they sometimes do) part is missed. If the transmission of messages of up to say 400 groups cannot be completed in 30 minutes it would be appreciated if the time of commencement could be advanced to 1215 GMT.

JAK King  
+ DIRECTOR.

29  
24/1

JAK/HEP. 25/1/1955.

De Bilt, 18 January, 1955.

Telefoon No. 28041

Postgiro No. 4465

70

Onze/Our ref. 405/IV

Betr./Re:

8 January, 1955

Uw/Your ref. No. M.13/1/4/3

Bijlage(n)/Enclosure(s):

To/

the Director of the Weather Bureau  
Department of Transport  
Private Bag 97

Pretoria.

South Africa.



Dear Sir,

From your letter M.13/1/4/3 of 8 January, 1955, it appears that my telegram of 5<sup>th</sup> January has been misunderstood. This telegram ran:- "Please send secret met.code for tanker Papendrecht under way to Antarctic to South Georgia before 22 January. Address Salvesen Company".

The ship left Curaçao, where it bunkered, on 3<sup>rd</sup> January and will arrive at South Georgia between 22<sup>nd</sup> and 25<sup>th</sup> January. I thought the shortest and safest way would be if you could send the code straight to South Georgia where "Salvesen Company" is the postal address for the Papendrecht.

I now sent the code enclosed by you in your above mentioned letter, by airmail to that address in the hope it will arrive in time.

Yours sincerely  
for the Director-in-Chief

(J.W. Termijtelen)  
Director, Section  
Oceanography and Mar. Meteorology.

M13/14/3 71

70

18 January, 1955.

The Weather Bureau. (Forecasting)

Form No. 28041  
File No. 4465

This cable to be sent over your own telex system to CTO. Mr. Henning states that Mr. King already been informed that he can do so, without reference to H.O. Transport House.

Director of the Weather Bureau  
Department of Transport  
P.O. Bag 97

t o r i a.  
Africa.

*Press.  
No!*



*Die kodelys is geregistreer  
na Hoppokantoor gestuur via aersdoring  
J.W. Termijtelen  
4/10/54*

... are being intercepted at  
... interception after 1:00 PM  
... of 8 January, 1955, it  
... nuary has been misunderstood.  
... ecret met. code for tanker  
... to South Georgia before  
... ny".  
... it bunkered, on 3<sup>rd</sup> January  
... etween 22<sup>nd</sup> and 25<sup>th</sup> January.

I thought the shortest and safest way would be if you could send the code straight to South Georgia where "Salvesen Company" is the postal address for the Papendrecht.

I now sent the code enclosed by you in your above mentioned letter, by airmail to that address in the hope it will arrive in time.

Yours sincerely  
for the Director-in-Chief

(J.W. Termijtelen)  
Director, Section  
Oceanography and Mar. Meteorology.

72

13/1/4/3

19 JAN 1955

TO THE OFFICER IN CHARGE CAPE TOWN RADIO  
FROM MET PRETORIA  
19-1-55

13/1/4/3

2  
3  
7

19 JAN 1955

M18  
MET FALKLAND ISLANDS REPORTS THAT INTERCEPTION OF WHALING  
SHIP COLLECTIVE AT PORT STANLEY IS GOOD BUT THEY ARE MISSING  
THE END OF THE BROADCAST AT TIMES DUE TO THE FACT THAT  
FALKLANDS ISLAND BROADCAST STARTS AT 1300GMT. SHOULD BE  
GRATEFULL IF YOU COULD ARRANGE TRANSMISSION SO THAT  
BROADCAST IS COMPLETED BY 1300GMT.

ENDS  
TOT 1100B/MEB  
ENDS OK PSE ??

(PLEASE INCLUDE WITH WHALING SHIP COLLECTIVE TO CT RADIO)

73

13/1/4/3

19 JAN 1955

MEMO O C CAPE TOWN RADIO  
TO MET PRETORIA

19-1-55

19 JAN 1955  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1

32

REF YOUR M18 .

ABOUT 300 GROUPS CAN BE FORWARDED WITHIN

~~XXXXXXXXXX~~

30 MINUTES STOP IF WHALING COLLECTIVE IS TO EXCEED THIS NUMBER  
OF GROUPS OFTEN SUGGEST YOU APPROACH G P O PRETORIA FOR  
NECESSARY AUTHORITY FOR THIS STATION BEGIN BROADCAST AT  
1215GMT STOP THIS WILL MEAN THAT COLLECTIVE MUST BE IN THIS  
OFFICE BY AT LEAST 2PM LOCAL TIME FOR PREPERATION .

////// Private Bag 97

M.13/1/4/3

74

2 -1-1955

AIR MAIL

Secretary General,  
World Meteorological Organisation,  
1 Avenue de la Paix,  
GENEVA.  
Switzerland.

AMENDMENT TO FASCICLE III PUBL. 9

Owing to the increasing length of the Whaling Ship collective broadcasts and the necessity for ending transmissions before 1300 GMT the time of transmission of the Whaling Ship Collective Broadcast has been advanced ~~to~~ from 1230 to 1215 GMT.

JAK King  
DIRECTOR

JAK./ALG.  
29-1-55

season arrangements might be made for R.A.A.F. Perth (VNPE) to intercept the Capetown transmissions which would be assisted if South Africa could arrange for the inclusion of the data broadcast in the 1415 GMT message to be included also in the following 0300 GMT transmission from ZSL9.

7. Experience during the 1952/53 season has indicated that adoption of the following suggestions would considerably improve the general standard of the scheme during 1953/54:-

7.1. The collection of reports from whaling ships would be improved by their transmission to either Perth Radio (VIP) or Sydney Radio (VIS). Authority has been recently given for Perth Radio to collect weather reports from ships on long range. Arrangements will be made with the Post and Telegraph's Department accordingly for the 1953/54 season.

7.2. It would be helpful if South Africa could arrange to distribute all cyphers in time to be received by the whaling ships before they arrive on the whaling grounds.

7.3. Whaling Companies and their Ship Masters should be impressed with the importance of co-operation in provision of weather reports whilst on the whaling grounds as the standard of the meteorological information provided to them in the INFERENCE broadcast messages depends very closely on such co-operation.

7.4. Reconsideration of the W/T frequencies used by Capetown (ZSL9) and Canberra (VNCN) for the emission of the special COLLECTIVE and INFERENCE broadcasts probably will be necessary for the 1953/54 season to account for any changes in radio propagation conditions which have occurred since 1952/53, with a view to ensuring the reception of these messages in Australia and South Africa respectively. The R.A.A.F. is prepared to consider the use of a special additional frequency for Canberra (VNCN) to improve the standard of interception of these messages in the general area of the South-West Indian Ocean if the standard frequencies are unsuitable for such interception.

7th October, 1953.

---



218 weather observations were made, of which only 96 were successfully transmitted to Sydney Radio.

- (iii) The ANALYSIS and INFERENCE broadcasts from VNCN were utilized on board the TONAN MARU as follows:-
- (a) 1230Z Southern Ocean Analysis was detected and used on and from 15th January.
  - (b) 1530Z plain language inference was detected and utilized on and from 24th January.
  - (c) Whilst on the whaling grounds the aforesaid broadcasts were intercepted 85 to 90 per cent successfully.
- (iv) The Southern Ocean analysis was found extremely useful for the weather forecasting by the Japanese Whaling Fleets.

4. The co-operation received from whaling ships in the provision of weather reports may be summarised as follows. The "Southern Venturer" was the only ship which consistently reported. "Southern Collins", "Biscoe" and "Powell" also reported but rather intermittently. "Southern Harvester" and "Bransfield" reported in a code different from that arranged, whilst the Japanese whalers "Nisshin", "Tonan", "Gyokua", "Settu" Maru did not have their special code and encyphered their position by subtracting the day of the week. The numbers of reports received from the ships most frequently reporting are as follows:-

Southern Venturer	38
Biscoe	17
Powell	13
Bransfield	20
Nisshin Maru	71
Tonan Maru	82

5. As just indicated, the co-operation from Japanese whalers was at first adversely affected by the facts that the Whaling Fleet had departed without possession of the correct cypher tables and that the Japanese Companies therefore had to work out their own code for use on the whaling ground. Eventually a copy of this code was received and thereafter the co-operation of the Japanese whalers was fairly satisfactory.

6. The South African COLLECTIVE and INFERENCE messages from ZSL9 could not be received at Canberra (VNCN), although every effort was made by the R.A.A.F. to intercept these messages on the transmitting frequency 16285 kcs and also on 17635 kcs issued on 25th February, 1953. The RAAF has reported that these transmissions were inaudible at Canberra but could be heard at Perth (VNPE) when it was practicable for R.A.A.F. to intercept at this station. The R.A.A.F. considers that the frequency 16285 kcs chosen for the Capetown transmissions was in the most satisfactory frequency bracket, but it would appear to be desirable to move the 0300 GMT transmission forward to 0500 GMT when propagation conditions would be more stable. The R.A.A.F. suggests that during the next

## AUSTRALIAN METEOROLOGICAL SERVICE

53/2145

## REVIEW OF WHALING SHIP REPORTING ORGANISATION - 1952/53 SEASON

1. In general the results of the Whaling Ship Reporting Scheme during the 1952/53 season were disappointing. The operation of the scheme revealed some weaknesses which should be possible of correction in the 1953/54 season with much better results. Relatively few reports were received in Australia from whaling ships. This adversely affected the quality of the "inference" broadcasts from Canberra (VNCN) as little meteorological data was available from the Southern Ocean Areas of major interest to the whalers. Unfavourable ionospheric conditions prohibited the reception of the Capetown (ZSL9) and Canberra (VNCN) special broadcasts of COLLECTIVE and INFERENCE messages in Australia and South Africa respectively despite the use of special W/T frequencies.
2. Arrangements were made with the Post & Telegraph's Department and the Overseas Telecommunications Commission for the collection of weather reports from whaling ships by Sydney Radio Station (VIS). Arrangements were also made with the Royal Australian Air Force for the assembling of the aforesaid reports into a collective message for broadcast once daily from Canberra (VNCN) at 1600Z and also for the broadcasting of plain language inference statements covering the area south of latitude 50° between longitude 90°E and 180°E from Canberra (VNCN) at 1530Z daily. The President CMM and the Secretary-General WMO and Directors of neighbouring Meteorological Services were advised of these arrangements directly and also through the WMO Circular 11386/52 of the 3rd December, 1952, issued by the Secretary-General.
3. The INFERENCE Broadcasts were commenced in early December on the normal W/T frequencies for Canberra (VNCN) at this time and also on the additional frequency 15995 kcs from late in January. The receipt of reports from whaling ships did not commence until January, thus delaying the commencement of the reports COLLECTIVE broadcasts from Canberra until this month.
4. The only reports available on the standard of reception of the Australian broadcast messages are those received from the Director, Weather Bureau, South Africa and from the Director, Central Meteorological Observatory, Tokyo. The former has reported that South Africa was unable to intercept the Canberra (VNCN) broadcasts, also attempts were made to do so at all times of transmission and on all frequencies used. The report received from the latter authority may be summarised as follows, based on the experience aboard the Japanese whaling mother ship the TONAN MARU:-
  - (i) The transmission of weather reports to Sydney Radio (VIS) was only partially successful, due to poor sensitivities and the traffic on the short wave communication system.
  - (ii) Whilst on the whaling grounds from the 22nd January to the 17th March

a proposal, and if no contrary opinion is expressed this system will be adopted. Dr. Schumann is arranging to send copies of the tables to the Meteorological Services of those countries which operate whaling ships for issue in the very near future. Any ship that calls at Cape Town and does not happen to be in possession of the tables will be able to obtain one direct from Dr. Schumann. When a new table is received aboard a ship old tables should be destroyed as some difficulty has been experienced due to ships using old tables after new ones have been issued.

I am, my dear Colleague,

Yours sincerely,

(Signed) C.E.N. Frankson  
President IWM

My dear Colleague,

Further to my letter MCP 13/51 of 8th October, 1952, about radio weather messages from whaling ships in the Southern Ocean, I have received a letter from Dr. Schumann, Director of the South African Meteorological Service, in which he comments upon the success of this Scheme during the 1952/53 whaling season.

Extracts from his letter are as follows:

"Altogether 3363 reports from whaling ships South of the Equator were received compared with 2706 in the 1951-52 season, 1743 in the 1950-51 season and 1139 in the 1949-50 season. The improvement is better than the figures indicate as a smaller number of whaling factory ships operated in the 1952-53 seasons than in any of the other seasons referred to.

All reports received were rebroadcast with positions enciphered in the table set aside for this purpose. Transmissions were made at 1415Z and repeated at 0300Z on another frequency. Reception at Port Stanley and South Georgia was reported to have been good and reports were received regularly. Reception in Australia was not, however, satisfactory but we did not receive advice of this until 30th January. The time of the 0300Z transmission was then changed to 0500Z and the frequency altered from 16285 kcs to 17635 kcs but although a reception report was requested from the Director of the Australian Meteorological Branch none has yet come to hand.

Apart from Whaling Factory ships very useful reports were provided by tankers, supply ships, etc. and it is strongly recommended that these ships should be encouraged to report and not only the Whaling Factory ships. Catchers usually operate in close proximity to factory ships and reports from these are of comparatively little value except when they are separated from the factory ship.

The total number of reports received from all ships is made up as follows:

Willem Barondsz	383
Kosmos IV	360
Pelagos	329
Suderoy	285
Lancing	240
Norhval	207
Southern Garden	181
Sir James Clark Ross	152

*Broadcast  
changed from  
1230 to 1215  
GMS 29.1.55  
R*

The 1954-55 whaling season is now in full swing. This secretariat has received notification that all the British whaling companies have again been advised of the availability of Perth Radio Station as an alternative to Sydney Radio for the collection of radio weather messages. It is hoped that all other Member countries operating whaling ships will have taken similar steps. At this point, we can only hope that the excellent cooperation and constant endeavour shown by various Meteorological Services in implementing the scheme will yield more satisfactory results than in the previous two seasons.

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d. It is known that some whaling ships operating in the region did not report observations : Among these is one which had been most cooperative during previous seasons. The reason given in answer to an enquiry by South Africa, was that sending weather reports interfered too much with the radio communications to the catcher and also because when catching, the additional work interfered with the activity in the radio room and on the bridge.

6. Conclusion

From the above results, it is clear that there is scope for improvement. The successful operation of the scheme depends on

- a. The willingness of whaling ships to cooperate.
- b. Their ability to transmit their reports easily and without disclosing their positions to rival ships.
- c. The ability of collecting centre to transmit their broadcasts to interested parties.

The cooperation of whaling ships has in general been fairly satisfactory, but it can be improved still further. It is reasonably certain that all whaling factory ships were in possession of cyphers to enable them to report during the 1953-54 season. That some did not report, is due to other reasons. The fact must be impressed on whaling operators that the successful operation of the scheme is in their interest, since it permits more accurate inference and forecasts destined for their use and protection.

The successful exchange of whaling ship broadcasts between Australia and South Africa will result in improved collaboration from ships, since it will then be possible to keep track of the movements of all reporting ships and will enable special radio messages to be sent to ships passing from one sector to another, requesting them to transmit their reports to the new collecting centre if this is not in fact being done. Experience shows good response from ships when they are made aware of the importance attached to their reports. It is of course essential to make it easier for ships to cooperate by making sure that they are aware of all the alternative stations to which they can transmit their reports.

The problem of communications on which the success of the scheme hinges is, ultimately, technological. Pending its satisfactory solution, temporary measures can be taken to improve conditions. For instance, in an attempt successfully to exchange broadcasts between Australia and South Africa, arrangements have been made to effect this exchange via RAF channels, through Nairobi. Reports are not yet available on the degree of success of this attempt. Alternatively, it would be possible to follow the suggestion of the President of CMM to use Colombo, which has a powerful radio station, as a relay between South Africa and Australia. Similarly, if everything else fails, Port Stanley may be used to re-broadcast collective messages destined for Argentina.

that the number of such ships would be insignificant during the coming seasons.

The success of the scheme hinges on adequate communications between whalers and collecting centres, between the collecting centres themselves and between them and other interested Meteorological Services. It is in this respect that the operation of the scheme during the 1952-53 seasons was least successful. The following steps were taken to improve conditions:

a. Arrangements were made to enable whaling vessels to transmit their observations to Perth Radio and the Meteorological Services of countries operating whaling Factories were duly notified of the arrangements.

b. The 0300 GMT transmission from Cape Town was changed to 0500 GMT when propagation conditions are more stable, in an attempt to provide easier interception in Australia of the South African broadcasts.

c. The R.A.A.F. indicated its willingness to consider the use of a special additional frequency for Canberra to improve the standard of interception of the collective messages in the general area of the South-West Indian Ocean if the standard frequencies used proved unsuitable for such interception.

d. In order to enable Argentina to receive the collective messages, the President of CMM suggested that the broadcast be relayed by the Falkland Islands, where reception is satisfactory. However, action on this suggestion was delayed pending receipt of information from Argentina on whether any of the transmitters at Pretoria or Simonstown was audible in Buenos Aires, in which case the possibility of repeating the broadcast on one of these transmitters would be investigated.

The suggestion of the Falkland Islands that the 1200 GMT observations be included in the 1415 GMT broadcast was found impracticable since few observations were received before 1400 GMT.

##### 5. Results during the 1953-54 season

At the end of the 1953-54 season, the President of CMM invited participating countries to submit reports on the operation of the scheme during this season. The total number of observations received in South Africa from whaling ships was 3750 - a 12 % increase over the previous year. Nevertheless the season was disappointing for the following reasons :

a. Changes of time of transmission and frequency did not seem to improve the ability to exchange reports between Australia and the Union of South Africa.

b. South African broadcasts were again inaudible in Argentina.

c. Less reports were received in Australia direct from ships than in the previous season in spite of the availability of Perth Radio Station as an alternative to Sydney.

3. Results during the 1952-53 season

a. South Africa : Twenty-two ships of different nationalities contributed a total of 3363 weather reports. This compares favorably with the 2706, 1743 and 1139 messages received during the three previous seasons. The improvement is actually better than the figures indicate as a smaller number of whaling factory ships operated during the 1952-53 season than in any of the other seasons referred to. Altogether the scheme worked satisfactorily from the viewpoint of South Africa although Australian broadcasts could not be satisfactorily intercepted. Annex 1\* to the present report, contains some extracts from a letter of the Director, South African Meteorological Service, giving more details on the subject.

b. Australia : In general, the results were disappointing. A fewer number of ships reported and the total number of messages contributed by them was proportionately small. Some difficulty was at times encountered by ships in transmitting their weather reports to Sydney due to poor sensitivities and the traffic on the short wave communication system.

These unsatisfactory results were accentuated by the fact that Canberra was not successful in receiving the South African Collective and Inference broadcasts (see Annex II)\*\*.

c. New Zealand : In a letter to the Secretariat, the Director of the New Zealand Meteorological Service stated that the report by Australia (Annex II) adequately covers the situation in his area.

d. Falkland Islands: The 1415GMT transmission was regularly received at good strength throughout the season. The 0300 GMT transmission was less reliable; but it was only rarely intercepted for reasons of staff limitations. The value of the broadcasts to the Falkland Islands was rather less than expected because few ships appeared to be operating in the area of South Georgia and the Falkland Islands, and because 1200 GMT observations were not included in the 1415 GMT broadcasts.

e. Argentina : Unable to intercept South African broadcasts.

A glimpse of the other side of the picture, namely, the value of the Antarctic inferences to the whaling fleets was provided by Japan and the Netherlands. Both declared that this information was used to great advantage by their whalers.

4. An analysis of the results and measures taken for their improvement

In general, the cooperation of the whaling fleets during the 1952-53 season seems to have been satisfactory. However, the time was insufficient to issue cyphers to all whalers and it is likely that at least a few ships failed to report due to lack of the proper cypher. But this did not constitute a serious failure, especially since it was legitimate to hope

\* Annex to C.L. - MC/N° 44

\*\* Annex to C.L. - MC/N° 50



During the same month, the President CMM took the following actions:

(1) Wrote to the Director of the South African Meteorological Service who had suggested the scheme and volunteered to act as a coordinator, to take the necessary steps for supplying cyphers to the Directors of the Services concerned.

(2) Wrote to Directors of the Meteorological Services of Argentina, Netherlands, Norway, United Kingdom, Uruguay and USSR asking them to endeavour to recruit whaling ships operated by their countries for the purpose of cooperating in the Scheme.

(3) Wrote to CMM members of the above countries (with exception of the USSR, which did not have a CMM member) urging them to assist, in consultation with their Directors, in arranging this cooperation.

In accordance with the annex to Res. 24 (EC-III), whaling ships are to report to either Cape Town or Sydney in a cypher supplied by the South African Union Weather Bureau, and held only by the above two collecting centres and the whaling ships. Copies of this code were duly issued, either direct to ships calling at Cape Town, or through National Meteorological Services in the case of other ships. Copies were also sent to France and Australia for onward transmission to stations at Kerguelen, Amsterdam and Heard Islands with the next relief expedition so that they could be available when the 1953-54 whaling season began. It was also arranged that those ships which already held cyphers issued the previous year, and were not calling at Cape Town, would be able to use the same cyphers as on the previous year.

In their turn, the collecting centres must rebroadcast the information received from the ships in collective messages which exclude the name of the ships and in which their positions are encoded into another cypher held only by the Meteorological Services requiring the information. The particulars of the broadcasts were duly brought to the attention of interested Members.

It will be noted that the reports furnished by whaling ships are used in the preparation of inferences and forecasts for the Southern Oceans, which should be of great help to whaling fleets. Since the accuracy of these forecasts is in direct proportion to the information supplied by the whaling ships, the cooperation of as many ships as possible in the scheme is in their own interest.

In addition to the area South of  $30^{\circ}$  S and between  $60^{\circ}$  W and  $90^{\circ}$  W and that South of  $50^{\circ}$  S and between  $90^{\circ}$  E and  $180^{\circ}$  covered by Cape Town and Sydney respectively, the Falklands issue forecasts for whaling ships South of  $50^{\circ}$  S between  $45^{\circ}$  W and  $10^{\circ}$  W and between  $70^{\circ}$  W and  $40^{\circ}$  W. Thus the whole of the Southern Ocean with the exception of the sector between  $70^{\circ}$  W and  $180^{\circ}$  W is now covered by radio bulletins for shipping.

transmit their reports;

(b) The South African Union Weather Bureau will undertake the preparation and duplication of individual ciphers for issue to each of the whaling factory ships operating in the Antarctic, copies of those ciphers will be held by the whaling factory ship and each of the two collecting centres and by no one else;

(c) The two collecting centres will each make a daily broadcast of the reports received from whaling factory ships for interception in countries requiring whaling ships reports;

(d) The broadcasts, referred to in (c), will exclude the name of the whaling factory ship and the position of the ship will be encoded into another cipher to be held only by Meteorological Services, requiring the broadcasts and not by any of the whaling factory ships;

(e) The preparation and distribution of ciphers for the broadcasts mentioned under (d) will be undertaken by the Union Weather Bureau;

(f) In return for the reports from the factory ships, the two collecting authorities will broadcast daily weather bulletins for the express use of the ships in the Southern Ocean, on the lines of the Antarctic Inference broadcast from Cape Town during the whaling seasons of the past few years."

The resolution has now been in effect for two seasons. The following is in the nature of an interim report designed to give interested Members an overall picture of the operation of the scheme during the seasons 1952-1953 and 1953-54, to analyze the results and study the possibility for improvement before a final report on the success of the scheme is submitted to the Executive Committee in accordance with the last paragraph of the above resolution.

## 2. Implementation of the Scheme

Res. 24 (EC-III) affects two categories of countries :

(1) Countries bordering the Southern Oceans where whaling takes place. These are : Argentina, Australia, Chile, New Zealand, Union of South Africa, United Kingdom (for Falkland Islands), and Uruguay. Brazil at its own request was included in this category.

(2) Countries operating whaling ships : Argentina, the Netherlands, Norway, United Kingdom, USSR and Japan.

In October 1952, the WMO Secretariat distributed a circular letter bringing the above resolution to the attention of interested Members, the Presidents of CMM and CSM, as well as the Presidents of RA I, II and III. The Secretariat also wrote to the Secretary of the International Whaling Commission, who offered his help and volunteered to inform contracting members of his organization of the scheme.

REPORT ON THE OPERATION OF WHALING SHIPS

REPORTS SCHEME \*

1. Introduction

During its third Session (9-24 September 1952) the Executive Committee passed the following resolution:

24 (EC-III) "Confidential position code for use of whaling ships"

"THE EXECUTIVE COMMITTEE,

NOTING,

- (1) Resolution 37 (CD Washington 1947);
- (2) The desirability of obtaining weather messages from whaling ships;
- (3) That the captains of whaling ships will not normally disclose the positions of their ships;
- (4) That the provision of a confidential code for reporting the position of ships has, in the past, enabled certain services to obtain meteorological reports from the captains of whaling ships;

AUTHORIZES a deviation from Resolution 37 (CD Washington 1947) for this purpose; and

REQUESTS the President of the Commission for Maritime Meteorology,

- (1) In collaboration with the Secretariat to introduce a scheme on the lines given in the Annex to this Resolution;
- (2) In consultation with the Presidents of Regional Associations I, III and V to submit to the Executive Committee a report on the success of the scheme after it has been in operation for two or three whaling seasons.

A N N E X

Procedure adopted for the collection and distribution of weather messages from whaling ships

- (a) Cape Town and Sydney will be designated as the two centres for the collection of weather messages from whaling ships; ships will be given complete freedom in choosing to which of the two centres they

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\*) Available in English only.

76

31-1-1955

..... BY CABLE .....

TO MET FALKLANDS  
FROM MET PRETORIA

28-1-55

WHALING SHIP BROADCAST NOW 1215 GMT .

ENDS

FIGS 1215

OK PSE ??

999C

1955 JAN 31 1215  
B 77 05  
MET PRETORIA

77

s. 73.

Posgeld moet vooruit betaal word.  
Postage should be prepaid.

Meld asb. in u antwoord  
In reply please quote

No 33/11441/52.

Telefoonno. ....  
Telephone No



UNIE VAN SUID-AFRIKA.  
UNION OF SOUTH AFRICA.

DEPT. VAN VERVOER  
WEERBUREAU  
- 3-2-1955  
WEATHER BUREAU  
DEPT. OF TRANSPORT

POSKANTOOR,  
POST OFFICE,

PRETORIA.

2 February, 1955.

THE DIRECTOR,  
WEATHER BUREAU,  
PRIVATE BAG 97,  
PRETORIA.

WHALING SHIP COLLECTIVE BROADCAST.

With reference to your minute No. M.13/1/4/3,  
dated 25 January, 1955, I have to inform you that the time  
of the above mentioned transmission was advanced to 1215 gmt  
with effect from 29 January, 1955.

As requested telephonically, arrangements have  
been made for the disposal of a daily weather message to  
H.M.S.A.S. "Transvaal".

*L. P. J. van der Merwe*  
POSTMASTER-GENERAL.

/////// Private Bag 97

M.13/1/4/3

Postmaster General,  
G.P.O.,  
PRETORIA.

WHALING SHIP COLLECTIVE BROADCAST.

With reference to your minute 33/11441/52 of 2nd February the daily weather message to S.A.S. Transvaal may now be discontinued. The facilities you have afforded for making these broadcasts are much appreciated.

DIRECTOR.

JAK./MK.  
8/2/55



No. 53/2145

COPY

13/1/4/3

79

METEOROLOGICAL BRANCH,  
DEPT. OF INTERIOR,  
P.O. BOX 1289 K,  
MELBOURNE, VIC.

AIR MAIL

20th January, 1955.

The President,  
W.M.C. Commission for Maritime Meteorology,  
Meteorological Office,  
Air Ministry,  
Headstone Drive,  
HARROW, Middlesex,  
England.

My Dear President,

Before replying to your letter MEP 13/53 of 25th November, 1954, I thought it better to await experience of the results of the action you kindly took on receipt of my letter of the 29th October, 1954, concerning the poor response received from whaling ships during the 1953-54 season.

2. So far this season, we have received reports only from 3 Japanese whalers which, as you appreciate, is the same as the response received last season, so we are concerned regarding the efficient fulfilment of the responsibility we undertook for the issue of the Southern Ocean inference message without adequate reports for its preparation.

3. We are not in a position to know whether there are any whalers operating within the Australian area for collection of ships weather reports; perhaps Dr. Schumann from the greater number of reports which are apparently collected by Capetown, might be able to advise on this aspect. We are in a particularly difficult position here on this problem because of the impossibility of intercepting in Australia, the South African broadcasts containing the whaling ship reports received at Capetown from ships which might be operating within the Australian sector.

4. The President of R.A.V. has suggested to us that we may be able to improve the position by direct approach to the Directors of the Meteorological Services of those countries whose ships undertake whaling operations in the Southern Ocean. We intend taking this action after the results of the current whaling season are known. In the meantime, it is thought that an enquiry from you to Dr. Schumann might result in at least alleviation of the problem during the current season.

With kind regards,  
Yours sincerely,

(Sgd.) E.W. Tincke.  
Director.

11,  
R,  
9 K,  
VIC.

79

1955.

**IMPORTANT**

All communications must be addressed to THE DIRECTOR.

In reply to this letter quote

M.D. 1/55

Your Ref

Telegrams:—WEATHER, HARROW.  
Telephone:—HARROW 4331 Ext.

13/1/4/3

29th January, 1955.

Dear Dr. Schumann,

With reference to the attached copy of a letter from Mr. Timcke, you will note that he is again experiencing disappointing results from the whaling ships during the present season. I suppose that one reason he is only receiving reports direct from the Japanese ships may be that those are the only ships which are whaling in his area. I do not think it is the sort of question we could very well discuss by correspondence because I doubt if the individual whaling companies would like us to examine their movements too closely. I think we should assume that if any whaling ships were in the Australian sector they would report direct to Australia. If you have any evidence, however, that whaling ships in the Australian sector are reporting direct to you perhaps you could let Mr. Timcke know.

It seems to me, however, that the most urgent need is to think of some way by which broadcasts of whaling ship messages received at Capetown can be made available to Australia. If you can do anything about this I am sure Mr. Timcke will be very grateful.

Yours sincerely,

*E. W. Timcke*  
President, Maritime Commission

Dr. T.E.W. Schumann,  
The Director, Weather Bureau,  
Dept. of Transport,  
Private Bag 97,  
Pretoria,  
Union of South Africa.

Copy to: Mr. Timcke

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Southern Ocean, we intend taking this action after the results of the current whaling season are known. In the meantime, it is thought that an enquiry from you to Dr. Schumann might result in at least alleviation of the problem during the current season.

With kind regards,  
Yours sincerely,

(Sgd.) E.W. Timcke.  
Director.



Private Bag 97.

M.13/1/4/3.

L16-2-1955

AIR MAIL.

The President,  
W.M.O. Commission for Maritime Meteorology,  
Meteorological Office,  
Headstone Drive,  
HARROW,  
Middlesex,  
England.

Dear President,

With reference to your letter MCP 13/53 of 29th January there have not been any whaling ships (excepting the Japanese) operating East of 60°E for some considerable time. Only two ships from which we have been receiving reports have crossed the 90°E Meridian. One of these the Balaena, was in the Australian sector for about four days and reached 100°E and during this period continued to send reports to Cape Town. The other (Kosmos IV) spent about a fortnight in the Australian sector and did not report to us while East of 90°E.

Altogether we have <sup>the Japanese</sup> already received more than 3,000 reports and all ships except the Slava and the Olympic Challenger have reported to this Weather Bureau.

It is most unfortunate that our whaling ship collectives cannot be heard in Australia and Australian broadcasts in South Africa in spite of trials at all available frequencies and times of transmission. I did hope that the EAF link through Nairobi (the use of which has been authorized) was the most practicable solution to the problem of exchanging reports but Mr. Timcke's last advice was that the opening of the link had been delayed due to some of the equipment not being available.

Yours sincerely,

T. SCHUMANN

DIRECTOR.JAK/LH  
11-2-55.

69

Private Bag 97.

M.13/1/4/3.



96-2-1955

Mr. E.W. Timoke,  
Director, Meteorological Branch,  
P.O. Box 1289K,  
MELBOURNE.

Dear Mr. Timoke,

Commander Frankcom has written and sent me a copy of your letter (No. 53/2145) and for your information I enclose a copy of my reply to him.

With the hope that reception conditions may have improved since last year I may mention that our whaling ship collective broadcasts now begin at 1215 GMT and are made on a frequency of 17165.6 kcs.

When is the R.A.F. Nairobi-Melbourne now expected to be in operation? I think the exchange of reports on this channel will prove far more practicable than any broadcast exchange.

*Am*

Kind regards,

Yours sincerely,

T. SCHUMANN

DIRECTOR.

JAK/LR  
11-2-55.

JAK/LR  
11-2-55.

8.13/3/4/3.

1.	2.	3.	4.	5.	6.
Simonstown <sup>4)</sup>	GYK	90.1	A1,A2.	1015,1800 )	1) WMO. No. 9.
	GYK2	4247	A1,A2.	1800 )	
	GYK4	8582	A1,A2.	1015, 1800)	
	GYK5	12741	A1,A2.	1015,1800 )	
	GYK6	16988	A1,A2.	1015,1800 )	
	GYK7	22407	A1,A2.	1015. )	
Walvis Bay	Z5V3	458	A2	0950,1750	

Dear Mr. ...

I have the pleasure to inform you that the ...  
The ...  
The ...

I am sure that the ...  
I am sure that the ...

Yours sincerely,

Yours sincerely,

T. SCHUMAZIN

...

LIST OF SPECIAL SERVICE STATIONS.

PART 2. STATIONS TRANSMITTING REGULAR METEOROLOGICAL BULLETINS.

UNION OF SOUTH AFRICA AND TERRITORY OF SOUTH-WEST AFRICA.

- 1) Coast forecasts.
- 2) Broadcasting station of the South African Broadcasting Corp.
- 3) From mid-November to mid-March approximately.
- 4) Station controlled by the British Admiralty, London S.W.1.

1.	2.	3.	4.	5.	6.
	ZSL	119.15)			
	ZSC5	418 )			
	ZSL4	8502 )	A2	0930	
	ZSL6	17228 )			
	ZSL7	22455 )			
	ZSL	119.15)			1)
	ZSC5	418 )			WMO No. 9.
Cape Town.	ZSL5	12772.5)	A2	1730	
	ZSL4	8502 )			
	ZSL7	22455 )			
	ZSP	2163	A3	1030,1848)	
	ZSL	119.15 )			
	ZSL2	4725 )			3) Antarctic
	ZSL4	8502 )	A2	2200	forecast.
	ZSL3	6467 )			
	ZSC7	17165.6	A2	0500,1415	3) Whaling ship
					reports.
Cape Town. 2)	-	656 )	A3	1125,2035	1) 2) WMO. No. 9.
Brackenfel		557 )			
Durban 2)	-	566 )	A3	1125,2035	1) 2) WMO. No. 9.
		692 )			
Durban	ZSD5	432	A2	0950,1705)	1) WMO. No. 9.
	ZSD	1665	A3	1030,1830)	
Germiston	ZTG	2868 )		H 27-H 30	Weather messages
		6597 )	A1	H 57-H 60	for aircraft
		8862.5 )		from 0454-	WMO. No. 9.
				1554.	
Port Elizabeth	ZSQ4	472	A2	0920,1720)	1) WMO. No. 9.
	ZSQ	1665	A3	1020,1820)	
Pretoria	ZRO2	7510 )		0700,0745,0815,	Sub-continental
Weather Bureau	ZRO3	13600 )	A1	0900,1015,1230,	broadcast.
	ZRO4	1,8252 )		1300,1345,1430	WMO. No. 9.
	ZRO5	4013 )			

83

\$. 75.

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Postage should be prepaid.



Meld asb. in u antwoord  
In reply please quote

No. 33/66011/50.

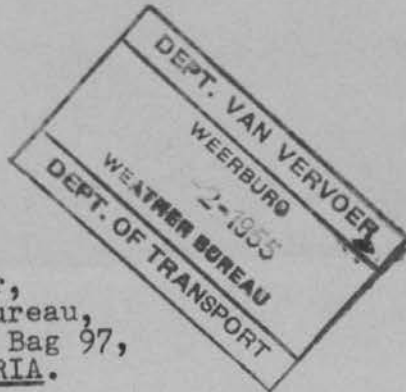
Telefoonno.  
Telephone

UNIE VAN SUID-AFRIKA  
UNION OF SOUTH AFRICA.

POSKANTOOR,  
POST OFFICE,

P R E T O R I A .

14 February, 1955.



The Director,  
Weather Bureau,  
Private Bag 97,  
PRETORIA.

WEATHER BULLETINS FOR SHIPPING.

With reference to your minute No. M.13/1/4/3, dated 13 December, 1954, it is not known whether the attached copy of information, forwarded to the International Telecommunication Union in September, 1954, was previously supplied to you.

The frequency of 5725 Kcs (ZSL 2) was changed to 4328 Kcs on 1 February, 1955, and will be further changed to another frequency with effect from March, 1955. This new frequency has not, as yet, been selected.

*[Signature]*  
POSTMASTER-GENERAL.

*Gessan  
J.B. P...  
14/3/55*

1554.

Port Elizabeth	ZSQ4	472	A2	0920,1720)	1) WMO. No. 9.
	ZSQ	1665	A3	1020,1820)	
Pretoria	ZR02	7510	)	0700,0745,0815,	Sub-continental
Weather Bureau	ZR03	13600	)	0900,1015,1230,	broadcast.
	ZR04	1,8252	)	1300,1345,1430	WMO. No. 9.
	ZR05	4013	)		

2/.....

54

LIST OF SPECIAL SERVICE STATIONS.

Page 180. Cape Town replace the present particulars by the following:-

ZSL	119.15)				
ZSL4	8502	}	A2	0930	14 February, 1955.
ZSL5	12772.5				
ZSL6	17228				
ZSC5	418				
ZSL	119.15)				
ZSL4	8502	}	A2	1730	1) Coast forecast WMO No. 9
ZSL5	12772.5				
ZSL6	17228				
ZSC5	418				
ZSP	2163		A3	1030, 1848)	
ZSL	119.15)				
ZSL2	3741.5	}	A2	2200	3) Antarctic forecast WMO No. 9
ZSL3	6467				
ZSL4	8502				
ZSC7	17165.5		A2	1215	3) Whaling Ship collective. WMO No. 9

The frequency of 3741.5 kHz will be further changed to another frequency with effect from March, 1955. This new frequency has not, as yet, been selected.

POSTMASTER-GENERAL.

M13/1/1/3

85

Vermeld in u antwoord  
In reply quote

No. 33/66011/50



It moet vooruitbetaal word.  
It should be prepaid.

UNIE VAN SUID-AFRIKA.  
UNION OF SOUTH AFRICA.

DEPT. VAN VERVOER
WEERBURO S. 178
- 3-3-1955
WEATHER BUREAU
DEPT. OF TRANSPORT

POSKANTOOR,  
POST OFFICE,

PRETORIA.

2 Maart 1955.

Die Direkteur,  
Weerburo,  
Privaatsak 97,  
PRETORIA.

WERELD METEOROLOGIESEORGANISASIE.

Met verwysing na u diensbrief no. M.13/1/4/3,  
van 13 Desember 1954 stuur ek hierby 'n afskrif van inligting  
in verband met weeruitsendings wat vandag aan die Inter-  
nasionale Telekommunikasie Unie verskaf is.

*L. P. J.*  
POSMEESTER-GENERAAL.

POSTMASTER-GENERAL.

*Genees*  
*W. J. P.*

Postkantoor	1955	1955	1955	1955	1955
Privaatsak	1955	1955	1955	1955	1955
...	...	...	...	...	...

M 13/1/4/3

(86)

M 13/1/4/3

9-3-1955

127

ca 9/3/55

AAN MET PRETORIAM

VAN HAWE WEERKUNDIGE BEAMPTE KAAPSAD.

X38. 9-3-55.

DIE WALVIS SEISOEN EINDIG ONGEVEER 16 DE MAART. EK STEL VOOR DAT  
 U HUL WEERDIENS VIR MINSTENS 1 WEEK NA DAARDIE DATUM AANHOU MET  
 SPESIALE BETREKKING TOT DIE OMGEWINGS WAAR HULLE VAAR. SOMMIGEB  
 SKEPE SAL SEKER OPHOU OM TE RAPPORTEER MAAR OM DIT TE VOORKOM  
 MOET DIE VOLGENDE DEUR U IN HUL BULLETINS OP 14,15 EN 16 DE MAART  
~~XXXXXXXXXX~~ INGESIT WORD.. ,, WHALERS ARE REQUESTED TO CONTINUE THE  
 TRANSMISSION OF WEATHER REPORTS BETWEEN THE ICESRPT ICEFIELD AND THE  
 EQUATOR....

ENDS/NS/90927B

ACK PLS?

ACK MEB FOR MET PTA



M 13/1/4/3

87

TO-3-1955

*Handwritten:* J.J. la Cour  
10/3/55



343 8½,-)

AAN WEERKANTOOR WINGFIELD  
VAN WEERBURO , PRETORIA

10-3-55

M 78 .

INDIEN SLANGKOP RADIOSTASIE SIE RPT DIE SINOPTIESE BERIGTE VAN  
MARTON EILAND VRA , GEE DIT ASB AAN HULLE STOP ~~VE~~ DIE  
WALVISSKOP ABRAHAM LARSEN WIL DIT HE OP SY TERUGREIS . DIE  
POSKANTOOR SAL DIE REELINGS VIR DIE VERSENDINGS TREF .

EINDE /KH/ 101042B  
ERKEN ASB ???

ERKEN NS VIR WINGS

SPESTALE BETREKKING TOT DIE OMGEWINGS WAAR HULLE VAAR. SOMMIGEB  
SKEPE SAL SEKER OPHOU OM TE RAPPORTEER MAAR OM DIT TE VOORKOM  
MOET DIE VOLGENDE DEUR U IN HUL BULLETINS OP 14,15 EN 16 DE MAART  
~~XXXXXXXXXX~~ INGESIT WORD.. ,. WHALERS ARE REQUESTED TO CONTINUE THE  
TRANSMISSION OF WEATHER REPORTS BETWEEN THE ICESRPT ICEFIELD AND THE  
EQUATOR....

ENDS/NS/90927B

ACK PLS?

ACK MEB FOR MET PTA

INTERNATIONAL WHALING COMMISSION

Ministry of Agriculture and  
Fisheries  
Fisheries Department,  
3 Whitehall Place,  
LONDON S.W.1.

Ref. No. M.R.  
1956/55/DT/MA/WS

17 February 1955.

Dear Sir,

I have to thank you for your letter of 31st January 1955 and beg to remind you that a copy of your letter of 17th November 1952 as well as a copy of Prof. Miéghem's report of 17th February 1953 was forwarded to all Contracting Governments for their information.

As already explained to you in my letter of 22nd May 1952 wherein I gave you some information regarding the powers of this Commission, the Commission could not of course make it obligatory on factory ships to report meteorological observations. There would therefore be no point in putting this matter on the agenda for the seventh meeting which is now with the Contracting Governments for final approval.

I note, however, that in your letter of 31st January you say that "the co-operation of the whaling ships has been encouraging". You no doubt realise that a large number of the 17 Contracting Governments do not engage in whaling at all in the Antarctic. It would be interesting to know therefore how many of the Whaling Companies are not co-operating - if any.

Yours faithfully,

(Signed) A.T.A. Dobson  
Secretary to the Commission.

Dr. G. Swoboda,  
World Meteorological Organisation,  
1 Avenue de la Paix,  
GENEVE.

1956/55/DT/MA/WS

31 January 1955.

Dear Sir,

In our letter to you dated 17 October 1952, we informed you of Resolution 24, which was passed during the third session of the Executive Committee of the World Meteorological Organization. The annex to this resolution describes a scheme by means of which whaling factories, fishing in Antarctic waters, report meteorological observations to collecting centres in the Southern Hemisphere, without disclosing their positions. The information thus gathered is used in preparing weather inferences and forecasts which are broadcast for the use of the whalers.

The operation of the above scheme is now in its third season and I am happy to be able to report that the cooperation of the whaling ships has been encouraging. Moreover, we sincerely believe that these whaling ships which have so far failed to participate in the scheme will do so when they realize the importance attached to the meteorological observations which they can supply during their whaling operations and the fact that their full participation in the WMO scheme will be instrumental in greatly improving the accuracy of the weather inferences and forecasts issued for their own use and protection.

I understand that the Seventh Whaling Conference will open in Moscow on 18 July 1955. This, I believe, might afford an excellent opportunity for discussing the mutual benefits that will accrue from more complete participation by Whaling Factories in the WMO Scheme. I therefore would like to know whether the agenda for the Conference has already been prepared and, if so, whether it contains any items dealing with the possibility of fuller collaboration between Whaling Factories and certain designated Meteorological Services in the Southern Hemisphere.

Yours sincerely,

(Sg.) G. SWOBODA

(Dr. G. Swoboda)  
Acting Secretary-General.

Mr. A.T.A. Dobson,  
Secretary Sub. Whaling Commission,  
Ministry of Agriculture and Fisheries,  
3, Whitehall Place,  
LONDON N.W.1,  
England.

(A) 98

**WORLD METEOROLOGICAL ORGANIZATION - ORGANISATION MÉTÉOROLOGIQUE MONDIALE**

SECRETARIAT: AVENUE DE LA PAIX, CAMPAGNE RIGOT - GENEVE

Telephone/Téléphone: 33 51 40

Telegrams/Télégrammes: METEOMOND GENEVE  
22 JANUARY 1955

Please address all replies to the Secretary-General.  
Veuillez adresser votre réponse au Secrétaire général.

GENÈVE, 8 March 1955.

In reply refer to/Dans la réponse, mentionner  
No. 4350/55/DT/MA/WS

BY AIRMAIL

Annexes: 2

In our letter to you dated 17 October 1954, we informed you of Resolution 24, which was passed during the third session of the Executive Committee of the World Meteorological Organization. In view of this resolution, it is a matter of some importance to know, in your sector, fishing in whaling waters, particularly in the Southern Ocean, and to what extent, subject to the Southern Ocean whaling companies.

Dear Dr. Schumann,

I am forwarding herewith copies of a letter addressed by this Secretariat to the Secretary of the International Whaling Commission and of his reply.

I believe Mr. Dobson's letter affords another opportunity to attempt to enlist better cooperation from ships whaling in Antarctic waters. I should therefore be grateful if you would send me, at your earliest convenience, a short report on the different whaling companies which have been reporting direct to your Service during the 1954-55 season, together with any evidence of the presence in your sector of whalers which failed to report. I shall then bring this matter to the attention of Mr. Dobson, hoping that suitable action for improved cooperation will then be taken by him.

Yours sincerely,

*G. Swoboda*

(G. Swoboda)  
Acting Secretary-General.

Dr. T.E.W. Schumann,  
Weather Bureau,  
P.O. Box 399,  
PRETORIA,  
Union of South Africa.

Ministry of Agriculture and Fisheries,  
3, Mitchell Street,  
P.O. Box 171,  
Durban.

AM

////// Privaatmak 97

M.13/1/4/3.

89

19-3-1955

Die Hare Weerkundige Beampte,  
Postus 2761,  
KAAPSTAD.

WEERVERSLAE VAN WALVISSKEPE.

Aangeheg is afskrifte van briewe van die Sekretariaat van WMO  
aan die Sekretaris van die Internasionale Walvis Kommissie en sy ant-  
woord.

Sal u asseblief vir my die gevraagde inligting so spoedig moontlik  
laat kry.

F. SCHUMANN

DIREKTEUR.

3318/LR  
15-3-55.

*Naar  
J.G.P.*

1, Mitchell Street,  
LONDON S.W.1.  
England.

AM

M B/1/4/3

90

Z. 14.



Gelieve in u Antwoord te verwys na  
In Reply Please Quote

No. m. 13/1/4/3

UNIE VAN SUID-AFRIKA.—UNION OF SOUTH AFRICA.  
KANTOOR VAN DIE—OFFICE OF THE

DRINGEND.

DEPT.	ER
25-3-1955	
DEPT.	ERT

Hawe-weerkantoor,  
Posbus 2761,  
KAAPSTAD.

24 Maart 1955

Die Direkteur,  
Weerburo,  
Privaat Sak 97,  
PRETORIA.

WEERRAPPORTE VAN WALVISVAARDERS.

Met verwysing na u M. 13/1/4/3 gedateer 19 Maart 1955, deel ek u mee dat die toestand aangaande weerberigte van die Noorse, Britse en Nederlandse walvisvaarders baie tevredegend is, en dat ons elke seisoen goeie samewerking van hierdie skepe kry.

Maar in teenstelling ontvang ons glad nie weerrapporte van nog van die Russiese skip "SLAVA" nóg van die Panemaanse skip "OLYMPIC CHALLENGER" nie, alhoewel hulle ons daaglikse bulleteine tot hul beskikking het. So ver ek weet werk hulle elke jaar in die see suid van die Kaap.

Twee skepe waarvan ons ook niks gekry het nie, is die Japanese Fabriekskepe "NISSEIN MARU" en "TONAN MARU" en hierdie seisoen het ons net 6 weerberigte van die skip "KINJYO MARU" gekry. Maar die rede daarvoor is seker dat hulle oos van die lengtegraad 80° OOS werk.

Met betrekking tot die "SLAVA" kan 'n mens niks anders verwag nie. Maar die "OLYMPIC CHALLENGER" behoort ons te help. Alhoewel dit onder die Panemaanse vlag vaar, is die offisiere Duits. "SLAVA" en "OLYMPIC CHALLENGER" se tekortkomings behoort en voor die Internasionale Walvis Kommissie voorgelê te word.

Kopie vir die  
Verantwoordelike Beampte,  
Weerkantoor, Wingfield.

*A. B. Crawford*

Hawe-weerkundige Beampte.

Union of South Africa  
Cape of Good Hope  
a Sub-Afrika.

DEPT. OF TRANSPORT  
**Memorandum.**

From  
Van Port Meteorological Officer  
Box 2761, CAPE TOWN.

To 3-1955

24 MAR 1955

WEATHER BUREAU  
DEPT. OF TRANSPORT  
The Director,  
Weather Bureau,  
PRETORIA.

M. 13/1/4/3

SPECIAL WEATHER FORECAST SUPPLIED TO  
WHALER DURING ANTARCTIC WHALING SEASON.

Attention: Dr. SCHMIDT(?)

When I visited the BRANSFIELD the other day I met on board the Manager of the Hector Whaling Company (Cape Town) and this gentleman conveyed the best thanks of Captain Virik (Captain of the "BALAENA") for a special extra weather forecast supplied to his ship on one occasion during the whaling season. Not only was the forecast supplied in "amazingly short time" but its accuracy saved the Company much time and money which would have been wasted had not a special forecast been supplied. The information enabled him to avoid storms which were associated with the centre of a depression.

*A. B. Crawford*

Port Meteorological Officer

die Panamaanse skip "OLYMPIC CHALLENGER" nie, alhoewel hulle ons daaglikse bulleteine tot hul beskikking het. So ver ek weet werk hulle elke jaar in die see suid van die Kaap.

Twee skepe waarvan ons ook niks gekry het nie, is die Japanese Fabriekskepe "NISSHIN MARU" en "TONAN MARU" en hierdie seisoen het ons net 6 weerberigte van die skip "KINJYO MARU" gekry. Maar die rede daarvoor is seker dat hulle oos van die lengtegraad 80° OOS werk.

Met betrekking tot die "SLAVA" ken 'n mens niks anders verwag nie. Maar die "OLYMPIC CHALLENGER" behoort ons te help. Alhoewel dit onder die Panamaanse vlag vaar, is die offisiere Duits. "SLAVA" en "OLYMPIC CHALLENGER" se tekortkomings behoort om voor die Internasionale Walvis Kommissie voorgelê te word.

Kopie vir die  
Verantwoordelike Beampte,  
Weerkantoor, Wingfield.

*A. B. Crawford*  
Hawe-weerkundige Beampte.

226

TO MET PRETORIA  
FROM PMO CAPE TOWN

X81 22/4/55

FOR ATTENTION MR KING

NUMBER OF REPORTS FROM WHALER AND TANKERS IN SOUTHERN  
HEMISPHERE DURING 1954/55 SEASON 5110

WHICH IS AN INCREASE OF ABOUT 36% ON 1953/54 SEASON  
FROM MET WINGS

GJV/ 1140B

ACK PLS

ACK/MN G FOR PTA

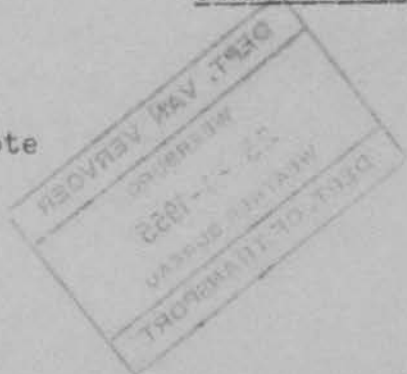
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(COPY)

COMMONWEALTH OF AUSTRALIA

In reply quote  
53/2145



Meteorological Branch,  
Dept. of Interior,  
P.O. Box 1289K,  
MELBOURNE Vic.

12th April, 1955

The Secretary-General,  
World Meteorological Organization,  
Avenue de la Paix,  
Campagne Rigot,  
GENEVA Switzerland

Dear Sir,

Whaling Ship Reports 1954-55 Season

With reference to your 4351/55/DT/MA/WS of 8th March, 1955, I wish to advise that according to an advice received from the Director, Meteorological Services, Union of South Africa apparently only two vessels previously reporting to Cape Town crossed into the Australian Sector. As the periods were only a matter of a few days one ship "Balaena" continued reporting to Cape Town whilst the other, "Kosmos IV" furnished reports to Australia. The only other known whalers operating in the Australian Sector were Japanese ships viz. "Tonan Maru" (Nippon Suisan Kaisha Ltd.) and "Nisshin" and "Kinjo Maru" (Taiyo Gyogyo K.K.).

2. The number of reports received increased from 241 in 1953/54 to 355 for 1954/55, being made up as follows -

Tonan Maru	71
Nisshin Maru	112
Kinjo Maru	162
Kosmos IV	10
	—
Total	355
	—

3. It will be noted that the number of reports received, although relatively few, was a marked increase over the number for the previous season. It would appear that there were no whalers operating in the Australian Sector which failed to furnish weather reports to Sydney, the Australian collecting centre.

Yours sincerely,

(sga)

(J.C.FOLEY)  
Acting Director of Meteorology

93

COMMONWEALTH OF AUSTRALIA.

TELEPHONE: FJ9171.

PLEASE QUOTE  
No. 53/2145

METEOROLOGICAL BRANCH,  
DEPT. OF INTERIOR,  
P.O. BOX 1289 K,  
MELBOURNE, VIC.

AIR MAIL

20th April, 1955

Director,  
Weather Bureau,  
PRETORIA South Africa

13/1/4/3

Dear Dr.Schumann,

In reference to your letter M.13/1/4/3 of 16th February 1955, I am forwarding herewith for your information a copy of my advice to the Secretary General, W.M.Q. on the co-operation we have received from whaling ships during the 1954/55 season. It does appear now that all ships which were operating in the Australian sector co-operated according to the principles of the whaling ship reporting scheme. The advice contained in your letter M.13/1/4/3 of 11th February 1955 has been very helpful in making this position clear to me.

2. I can appreciate your interest in ascertaining the operational date for the RAAF Nairobi-RAAF Melbourne Circuit. The reason for the delay in this regard has been explained to Mr.King of your Service during his recent visit to Melbourne. We are pressing the matter with RAAF Melbourne with a view to availability of a channel at the earliest possible date.

Yours sincerely,

25 -4-1955  
WEATHER BUREAU  
DEPT. OF TRANSPORT

*J.C. Foley*  
(J.C.FOLEY)  
Acting Director of Meteorology

Encl.

(sgd)

(J.C.FOLEY)  
Acting Director of Meteorology

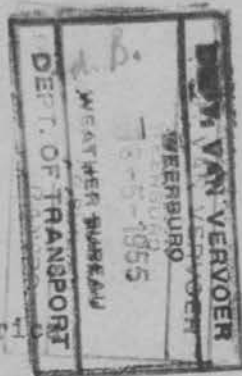
COMMONWEALTH OF AUSTRALIA.

94

TELEPHONE: FJ 9171.

METEOROLOGICAL BRANCH,  
DEPT. OF INTERIOR,  
P.O. BOX 1289 K,  
MELBOURNE, VIC.

PLEASE QUOTE  
NO. 53/2145



28th April, 1955

13/1/4/3

AIR MAIL

The Director,  
Weather Bureau,  
PRETORIA South Africa

My Dear Colleague,

Whaling Ships Broadcast Ciphers

I omitted to advise you in my letter 53/2145 of 20th April, 1955, in reply to your M.13/1/4/3 that in future whaling seasons, we would like to receive six copies of the ciphers you produce for the encoding of whaling ship positions in broadcast messages. These additional copies are required for issue to the Weather Bureaux in Australia other than Melbourne, which use whaling ship reports in their daily analysis/forecasting programmes.

Yours sincerely,

(J.C.FOLEY)

Acting Director of Meteorology

h

(sgd)

(J.C.FOLEY)

Acting Director of Meteorology

WORLD METEOROLOGICAL ORGANIZATION  
COMMISSION FOR MARITIME METEOROLOGY

METEOROLOGICAL OFFICE,  
Air Ministry,  
Headstone Drive,  
HARROW (Middlesex).

4 August 1955.

My dear Colleague,

Reports from Whaling Ships

In my circular letter No. 666/55/DT/MA/WS (C.L.-MC/No. 87) of 12 January 1955, which was distributed on my behalf by the WMO Secretariat, I gave a report of the "whaling ship scheme" during the two seasons 1952-1953 and 1953-1954 and drew attention to the desirability of as many whaling ships as possible taking part in this scheme.

I am sure all Members of the World Meteorological Organization are appreciative of the contribution made by whaling ships of your country to this scheme during those two seasons.

Bearing in mind the meteorological importance of this area, I hope that your Meteorological Service will find it practicable to recruit whaling ships in order to play their part in this scheme during this coming season.

I have written separately to Mr. Solotoukhine, seeking the co-operation of the U.S.S.R. whaling vessel "Slava" during this coming season, and am also trying to secure the co-operation of the Panamanian whaling vessel "Olympic Challenger".

If you require further copies of the "position cypher" I suggest you apply direct to Dr. Schumann (South Africa), but if any whaling ships are calling at Cape Town they can undoubtedly be supplied with the cyphers by the Port Meteorological Officer there.

I am, my dear Colleague,

Yours sincerely,

The Director, British Meteorological Service  
The Director, South African Meteorological Service  
The Director, Japanese Meteorological Service  
The Director, Netherlands Meteorological Service  
The Director, Norwegian Meteorological Service  
Copy to: Dr. Schumann (South Africa)  
Mr. Dwyer (Australia).

C.E.N. Frankcom  
President  
Commission for Maritime Meteorology

95

WORLD METEOROLOGICAL ORGANIZATION - ORGANISATION MÉTÉOROLOGIQUE MONDIALE

SECRETARIAT: AVENUE DE LA PAIX, CAMPAGNE RIGOT - GENEVE

Telephone/Téléphone: 33 51 40

Telegrams/Télégrammes: METEOMOND GENEVE

Please address all replies to the Secretary-General.  
Veuillez adresser votre réponse au Secrétaire général.

In reply refer to/Dans la réponse, mentionner  
No. 12174/55/DT/MA/WS

GENÈVE, 4 August 1955.

METEOROLOGICAL OFFICE,  
Air Ministry,  
Headstone Drive,  
HARROW (Middlesex).

4 August 1955.

Annexes: 1

Dear Sir,

I am forwarding, at the request of the President of the CMM, his circular letter on the subject of the participation of your country in the WMO Whaling Ship Scheme during the 1955 - 1956 whaling season.

Yours faithfully,

*D.A. Davies*  
(D.A. Davies)  
Secretary-General

I am, my dear Colleagues,  
Yours sincerely,

G.E.S. Frankov  
President  
Commission for Maritime Meteorology

Dr. T.E.W. Schumann,  
Director of Meteorological Service,  
Weather Bureau,  
P.O. Box 399,  
PRETORIA  
Union of South Africa