

## 260950 THAILAND

260951 BANGKOK (HSA) (HSJ)

AREA AFFECTED: Gulf of Siam, west coast of Southern Thailand, Strait of Malacca and South China Sea.

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A1)	Contents of Trans
Bangkok (HSA)(HSJ)		
0150	500 kcs 7955 kcs	Storm warnings for area 4N-20N., 98E-115E.
0750		Storm warnings. 24 hour forecast for area affected. <ol style="list-style-type: none"><li>1. Gulf of Thailand East coast to latitude 5°N and longitude 107°E.</li><li>2. Gulf of Thailand West coast to latitude 5°N.</li><li>3. West coast of Southern Burma below latitude 14°N and West coast of Southern Thailand to latitude 5°N.</li><li>4. East coast of the Malay Peninsula from latitude 5°N to the Equator.</li><li>5. The Strait of Malacca.</li></ol>

NOTE: All Broadcast in English.

INFORMATION DATED: September 1965.

**261000 VIETNAM**

261001 DANANG (XVT) SAIGON (XVS) SAIGON BROADCASTING STATION

AREA AFFECTED: China Sea and Gulf of Siam from 22N to equator and from 99E to 120E.

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>1</sub> )	Contents of Trans.
<u>Danang (XVT)</u>		
On receipt and at HH+48(0000-1200)	500 kcs 417.5 kcs	Storm or gale warnings.
<u>Saigon (XVS)</u>		
0048,0448 1148	500 kcs	Forecasts.
On receipt and at H+18,H+48	500 kcs	Storm or gale warnings.
<u>Saigon (XVS3)</u>		
0048,0448 1148	460 kcs	Forecasts.
<u>Saigon (XVS8)</u>		
0048,0448 1148	8590 kcs	Forecasts.
<u>Saigon (XVS37)</u>		
0015,0415, 1015,1615	8194 kcs	Forecasts.
On receipt and at HH+15(1715-2315)	8194 kcs	Storm or gale warnings.
<u>Saigon (XVS40)</u>		
On receipt and at HH+15(1715-2315)	5263 kcs	Storm or gale warnings.
<u>Saigon (XVS93)</u>		
On receipt and at HH+15(0015-1615)	14975 kcs	Storm or gale warnings.
<u>Saigon Broadcasting Station.</u>		
1310,2345	610 kcs (A <sub>3</sub> ) 7265 kcs (A <sub>3</sub> )	Broadcast for coastal shipping

NOTES: 1. XVS3 and XVS8 make preliminary call on 500 kcs.  
2. Forecasts are valid for 24 hours.  
3. Broadcasts are in clear English.

INFORMATION DATED: January 1967.

## 280100 AUSTRALIA

280101	ADELAIDE	(VIA)	MELBOURNE	(VIM)
	BRISBANE	(VIB)	PERTH	(VIP)
	BROOME	(VIO)	ROCKHAMPTON	(VIR)
	CAIRNS	(VIK)	SYDNEY	(VIX)
	DARWIN	(VID)	SYDNEY RADIO	(VIS)
	ESPERANCE	(VIE)	THURSDAY ISLAND	(VII)
	GERALDTON	(VIN)	TOWNSVILLE	(VIT)
	HOBART	(VIH)	WYNDHAM	(VIW)

AREA AFFECTED: Australian waters, south of equator and between 100°E and 160°E.  
Forecasts and Warnings are issued for following areas:

- |                 |             |
|-----------------|-------------|
| 1. Rabaul       | 7. Hobart   |
| 2. Port Moresby | 8. Adelaide |
| 3. Townsville   | 9. Perth    |
| 4. Brisbane     | 10. Broome  |
| 5. Sydney       | 11. Darwin  |
| 6. Melbourne    |             |
- (See area chartlet page 2-58)

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>2</sub> )	Contents of Trans
<u>Adelaide (VIA)</u>		
0118,1248	472 kcs	Forecasts for area 8.
On receipt and even HH+18 thereafter	472 kcs 500 kcs	Storm warnings, area 8.
<u>Brisbane (VIB)</u>		
0118,1248	435 kcs	Forecasts for area 4.
On receipt*	435 kcs 500 kcs	Storm warnings, areas 3 and 4.
<u>Broome (VIO)</u>		
0118,1248 1248	440 kcs 6,463.5 kcs(A <sub>1</sub> )	Forecast for area 10.
On receipt*	440 kcs 500 kcs	Storm warnings, areas 9, 10 and 11.
<u>Cairns (VIK)</u>		
On receipt* (0001-0900, 2000-2400)	476 kcs 500 kcs	Storm warnings, areas 3 and 4.

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280101 —continued

Darwin (VID)

0100,1318.	445 kcs	Forecasts for area 11
1318	6,463.5 kcs	
On receipt*	445 kcs	Storm warnings, area 11.
	500 kcs	

Esperance (VIE)

0040	435 kcs	Forecasts for area 9 and western 8.
On receipt*	435 kcs	Storm warnings,
(0001-1200,	500 kcs	areas 8 and 9.
2300-2400)		

Geraldton (VIN)

On receipt*	420.5 kcs	Storm warnings, areas
(0001-1200,	500 kcs	9 and 10.
2300-2400)		

Hobart (VIH)

0118,0948	440 kcs	Forecasts for area 7.
On receipt*	440 kcs	Storm warnings, area 7.
(0001-1000,	500 kcs	
2100-2400)		

Melbourne (VIM)

0048,1318	430 kcs	Forecasts for area 6.
On receipt*	430 kcs	Storm warnings, area 6.
	500 kcs	

Perth (VIP)

0100,1300	484 kcs	
1300	6,407.5 kcs(A <sub>1</sub> )	Forecasts for area 9.
0100	8598 kcs(A <sub>1</sub> )	
On receipt*	484 kcs	
	500 kcs	
	2182 kcs(A <sub>3</sub> )	Storm warning, area 9 and 10.
	6,407.5kcs(A <sub>1</sub> )	
	8598 kcs(A <sub>1</sub> )	

Rockhampton (VIR)

0130	472 kcs	Forecasts for area 4.
On receipt*	472 kcs	Storm warnings, areas 3 and 4.
(0001-0730,	500 kcs	
2200-2400)		

280101—continued

Sydney (VIX)

	44 kcs		
	4286 kcs		
	6428.5 kcs		
0130,0530,	8478 kcs	{ (A <sub>1</sub> )	Forecasts for all areas. #
0930,1330	12907.5 kcs		
	17256.8 kcs		
0130,2130	22485 kcs		

Sydney Radio (VIS)

0100,1300	476 kcs	Forecasts for area 5.
On receipt*	476 kcs	
	500 kcs	Storm warnings, area 5.

Thursday Island (VII)

On receipt*	464 kcs	Storm warnings, areas 2, 3, 4 and 11
	500 kcs	

Townsville (VIT)

0048,1300	420.5 kcs	Forecasts area 3.
	6463.5 kcs(A <sub>1</sub> )	
On receipt*	420.5 kcs	Storm warnings, areas 3 and 4.
	500 kcs	

Wyndham (VIW)

On receipt*	464 kcs	Storm warnings, area 11.
	500 kcs	

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- NOTES: 1. \*Storm warnings are broadcast upon receipt and thereafter at the end of the silent period following every even two hours (0018,0218 etc) during the hours in which stations are open.
2. Gale warnings are issued when winds of force 8-9 are expected. Storm warnings are issued when mean winds of force 10 or more are expected.
3. Storm warnings received for adjoining areas are rebroadcast when they are likely to concern shipping proceeding from the above area to adjoining areas.
4. #Storm warnings are broadcast upon receipt and in the next two weather bulletins. Progressive warnings are issued at six hour intervals (or more frequently as the situation warrants) until the gale/storm abates. Storm warnings received from other meteorological services for areas adjacent to the Australian area are rebroadcast when they are likely to concern shipping proceeding into adjoining areas. Sidney (VIX) and Belconnen (VHP) broadcast on a time sharing basis. Sidney transmits from 0001-0200 and Belconnen from 0200-0400 and similarly each successive 4 hours.

INFORMATION DATED: November 1965.

280115 PORT MORESBY (VIG)

AREA AFFECTED: Waters around Papua between 8S and 12S extending eastwards to Solomon Islands.

SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>2</sub> )	Contents of Trans
0030,0530	484 kcs 6519.5 kcs (A <sub>1</sub> )	Forecasts for area 2 (see page 2-58)
On receipt and even HH+18	484 kcs 500 kcs	Storm warnings, 8S-12S eastward to Solomon Islands

- NOTES: 1. Sundays and holidays 0030 broadcast only.  
2. Gale warnings are issued when mean winds of force 8-9 are expected. Storm warnings are issued when mean winds of force 10 or more are anticipated.  
3. Storm warning received for adjoining areas are rebroadcast when likely to affect shipping proceeding from the above area to the adjoining areas.

INFORMATION DATED: November 1965.

280116 RABAU (VJZ)

AREA AFFECTED: New Guinea and Islands water between equator and 8S extending eastwards to 160E.

SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>2</sub> )	Contents of Trans
0100,1240	430 kcs 6,463.5 kcs (A <sub>1</sub> )	Forecasts for area 1 (see page 2-58)
On receipt and even HH+18	430 kcs	Storm warnings, area 1

- NOTES: 1. Gale warnings are issued when mean winds of force 8-9 are expected. Storm warnings are issued when mean winds of force 10 or more are expected.  
2. Storm warnings received for adjoining areas are rebroadcast when they are likely to concern shipping proceeding from the above area to adjoining areas.  
3. All broadcast in English.

INFORMATION DATED: November 1965.

**280300 FIJI ISLANDS**

280301 SUVA RADIO (VRP)

AREA AFFECTED: Between 5N and 25S, from 160E to 150W.

SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>2</sub> )	Contents of Trans
0005, 0430, 0830, 2030 and on receipt	518 kcs	Storm warnings

- NOTES: 1. Meteorological bulletins are not transmitted each day, but only when received the meteorological office. If nothing is on hand, the QRU signal is made at the times stated. A CQ call on 500 kcs is always made prior to transmission on 518 kcs.
2. All transmissions are broadcast in clear English.

INFORMATION DATED: October 1965.





**280119 SYDNEY (VIX)**

AREA AFFECTED: Waters between equator  
and 50S and from 95E to  
170E.

CALL SIGNS, TIMES AND FREQUENCIES

VIX	0130,0530,0930, 1330,2130	44 kcs	200KW
VIX 2	0930,1330,2130	4286 kcs	5 KW
VIX 7	0130,0530	6428.5kcs	5 KW
VIX 3	0130,0930,1330, 2130	8478 kcs	10 KW
VIX 4		12907.5kcs	15 KW
VIX 5	0130,0530,0930, 1330,2130	17256.8kcs	15 KW
VIX 6	0130,2130	22485 kcs	10 KW

SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
0130	Gale/storm warnings for the area affected and for adjoining area. Forecasts for areas: (a) NE waters, from the equator to 10S between 142E and 170E. (b) SE waters, from 30S to 45S between 130E and 170E.
0530	See 0130 Warnings. Forecast for areas: (c) Northern waters, from equator to 10S between 100E and 129E and southwards to the coast be- tween 129E and 142E. (d) NW, W, and SW waters, be- tween 10S and 45S, and from 100E to 129E in the north, and to 130E in the south (ex- tended to 75E when practicable). Surface prognosis for the area: 10S-50S, 95E-160E.
0930	See 0130 Warning. See 0530 surface prognosis.
1330	See 0130 warning. See 0530 forecast.
2130	See 0530 Surface prognosis.
On receipt	Gale/storm warnings for area affected and adjoining areas.

- NOTES: 1. Gale warnings are issued when  
mean winds of force 8-9 are  
expected. Storm warnings  
are issued when winds of force  
10 or more are expected.
2. Gale/storm warnings for the  
area affected are also  
broadcast by Sydney (VIX)  
and Belconnen at other  
times on receipt.

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3. Progressive warnings are issued  
at six hourly intervals (or  
more frequently as the situation  
warrants) until the gale/storm  
abates.
4. Storm warnings received from  
other meteorological services  
for areas adjacent to the  
Australian area are rebroadcast  
when they are likely to  
concern shipping proceeding  
from the Australian area into  
the relevant adjoining areas.
5. Sydney Radio transmits from 0001  
to 0200 GMT and Belconnen-  
(VHB/VHP) from 0200 to 0400  
GMT and similarly for each  
successive 4 hours.

INFORMATION DATED: June 1964.

**280122 SYDNEY RADIO (VIS)**

AREA AFFECTED: New South Wales waters  
between 28S and 38S ex-  
tending eastwards to 160E.

TIMES AND FREQUENCIES

0100,1300	476 kcs	A2	500 W
On receipt	476 kcs	A2	500 W
and even	500 kcs	A2	500 W
HH+18 there- after			

SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
0100	Forecasts for the area affected. Synoptic reports from selected coastal stations. Selected synop ship reports.
1300	See 0100.
On receipt and even H+18 thereafter.	Gale/storm warnings for the area affected and for ad- joining area(s).

- NOTES: 1. Synop and ship data include  
wind direction and force,  
weather, pressure, tendency,  
characteristic, visibility and  
air temperature, state of  
sea and swell.
2. Gale warnings are issued when  
mean winds of force 8-9 are ex-  
pected. Storm warnings are  
issued when mean winds of  
force 10 or more are ex-  
pected.
3. Storm warnings received for  
adjoining areas are re-  
broadcast when they are  
likely to affect shipping  
proceeding from the above area  
into the adjoining area.
4. All broadcasts are transmitted  
in clear English.

INFORMATION DATED: June 1964.

**280124 THURSDAY ISLAND (VII)**

AREA AFFECTED: Arafura Sea, Gulf of  
Carpentaria and Coral Sea.

TIMES AND FREQUENCIES

On receipt	464 kcs	A2	500 W
and even	500 kcs	A2	500 W
H+18 thereafter			

SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
On receipt and even H+18 thereafter.	Gale/storm warnings for the area affected.

- NOTES: 1. Gale warnings are issued, when  
mean winds of force 8-9 are ex-  
pected. Storm warnings are  
issued when mean winds of force  
10 or more are expected.
2. All broadcasts are transmitted  
in clear English.

INFORMATION DATED: June 1964.

280125 TOWNSVILLE (VIT)

AREA AFFECTED: Queensland waters between 11S and 22S extending eastwards to 160E.

TIMES AND FREQUENCIES

0048,1300      420.5 kcs   A2 500 W  
                 6463.5 kcs   A1 1KW  
On receipt      420.5 kcs   A2 500 W  
and even        500 kcs     A2 500 W  
H+18  
thereafter.

SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
0048	Forecasts for the area affected. Synoptic reports from selected coastal stations. Selected synop ship reports.
1300	See 0048.
On receipt and even H+18 thereafter	Gale/storm warnings for the area affected and for adjoining area(s).

- NOTES: 1. Synop and ship data include wind directions and force, weather, pressure, tendency, characteristic, visibility and air temperature, state of sea and swell.
2. Gale warnings are issued when mean winds of force 8-9 are expected. Storm warnings are issued when mean winds of force 10 or more are expected.
3. Storm warnings received for adjoining areas are re-broadcast when they are likely to concern shipping proceeding from the above area to the adjoining area(s).
4. All broadcasts are transmitted in clear English.

INFORMATION DATED: June 1964.

280128 WYNDHAM (VIW)

AREA AFFECTED: Waters northwest of  
Australia between 10S  
and 20S and from 115E  
to 135E.

TIMES AND FREQUENCIES

On receipt and  
even H+18  
thereafter      464 kcs    A2    500 W  
                  500 kcs    A2    500 W

SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
On receipt and even H+18 thereafter	Gale/storm warnings for the area affected.

- NOTES: 1. Warnings are broadcast only  
during the hours: 0100-0400,  
0600-1000 GMT.
2. Gale warnings are issued when  
mean winds of force 8-9 are  
expected. Storm warnings are  
issued when mean winds of  
force 10 or more are ex-  
pected.
3. All broadcasts are transmitted  
in clear English.

INFORMATION DATED: June 1964.

280300 FIJI ISLANDS

280301 SUVA RADIO (VRP)

AREA AFFECTED: Between 5N and 25S, from  
160E to 150W.

TIMES AND FREQUENCIES

0005, 0430, 0830, 2030  
and on receipt      518 kcs    A2    500 W

SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
0005	Storm/hurricane warnings
0430	
0830	Storm/hurricane warnings
2030	
On receipt	Storm/hurricane warnings

- NOTES: 1. Meteorological bulletins are  
not transmitted each day, but  
only when received from the  
meteorological office. If  
nothing is on hand, the ORU  
signal is made at the times  
stated. A CO call on 500 kcs  
is always made prior to trans-  
mission on 518 kcs.
2. All transmissions are broad-  
cast in clear English.

INFORMATION DATED: August 1964.

## 280400 FRENCH POLYNESIA

280401 MAHINA RADIO (FJA)

AREA AFFECTED: Between 8S and 28S and from 134W to 155W.

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Call Sign	Frequencies	Contents of Trans
0640	FJA	8780 kcs (A3)	SYNOP
2100			WARNING, FORECAST, valid for 24 hours. SYNOP

- NOTES: 1. The summary of the observations contain the following information:  
a. Name of station. b. Nebulosity and present weather. c. Wind direction and speed. d. State of Sea near the coasts.
2. A gale or storm warning will precede or replace the forecasts when the forecast mean wind exceeds 30 knots. This warning will contain the following: a. The indication or type of disturbance. b. Date and time. c. The type of disturbance its position and movement. d. The area affected. e. The direction and force of wind in various sections of the area affected. f. Further indications in any. The warning will also be issued at 0030, 0230, and 1800 at the beginning of each watch period of schooner traffic.
3. All broadcasts in clear French.

INFORMATION DATED: June 1964.

280402 PAPEETE, TAHITI (HXV)

AREA AFFECTED: South Pacific, 5°S to 30°S; and 130°W to 160°W.

### SCHEDULE OF TRANSMISSION

Time of Trans	Call Sign	Frequencies	Contents of Trans
0400	(HXV)	7320 kcs 16040 kcs	WARNING, development of situation over French Polynesia.

- NOTES: 1. When necessary, gale/storm warnings will precede the development of the situation.
2. Broadcasts are in clear French.

INFORMATION DATED: January 1966.

**280600 GUAM**

280601 GUAM, M.I. (NPN)

This is the RADIOTELEGRAPH weather portion of the Guam (NPN) General Broadcast.

AREA AFFECTED: Water area of the North Pacific Ocean between the Equator and the Asiatic mainland, bounded on the east by longitude 160E and on the west by a line from the Equator at 132E to 23N-132E, then to 32N to 123E, and to the Asiatic mainland at 32N.

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Call Sign	Frequencies (Al)	Contents of Trans
0000	NPN	484 kcs	WARNING, FORECAST Analysis at 1000 and 2000 broadcasts (Code FM 46.C)
0500		4955 kcs	
1230		8150 kcs	
1730		13530 kcs	
		17530 kcs	
		21760 kcs	

- NOTES: 1. Forecasts valid for 12 hour period.  
2. Warnings are headed GALE when winds of force 8 to 9 are expected; STORM for force 10 and above; TYPHOON for force 12 and above in connection with a storm of tropical origin.  
3. Weather information for this broadcast is compiled by U.S. Fleet Weather Central Guam.

INFORMATION DATED: June 1967.

## 280800 HAWAII

280801 HONOLULU (NMO) (KBP)

AREA AFFECTED: Leeward and windward waters  
of Hawaiian Islands.  
Hawaiian coastal waters.

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Call Sign	Frequencies (A3)	Contents of Trans
0530 2000	NMO	440 kcs A1	Small craft/ storm/hurricane warnings. Weather summary and forecasts for the area affected.
On receipt and 0630 or 1800, HH+18 or HH+48		2182 kcs 2670 kcs	Storm/hurricane warnings.
0330 1615	KBP	2530 kcs	Forecasts and weather summary for the area affected.
On receipt			Small craft/ storm/hurricane warnings.

- NOTES: 1. Broadcasts of storm/hurricane warnings are made on 440 kcs A1 at the end of the first silent period following receipt of the message and are preceded by announcement on 500 kcs. If this broadcast occurs outside watch hours for single radio operator ships, the message is repeated at the end of the next silent period falling within the watch hours of such ships. Broadcasts of warnings on 2182 kcs A3 are made on receipt of the message and at 0600 or 1800 GMT on 2670 kcs A3, whichever schedule occurs first.
2. Small craft warnings when issued are broadcast on 2670 kcs A3 at 0600 and 1800 GMT.
3. All broadcasts are transmitted in clear English.

INFORMATION DATED: November 1965.

280804 KAHUKA (KHK)

AREA AFFECTED: North Pacific between longitude 140W and 160E, and from Equator to 50N.

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Call Sign	Frequencies	Contents of Trans
0530	KHK	484 kcs 8542 kcs 13029 kcs	WARNING, FORECAST Summary, synoptic and ship reports from Central North Pacific.
2030	KHK	484 kcs 16978.4 kcs 13029 kcs	
On receipt and even HH:30		all	WARNING

- NOTES: 1. The 0530 broadcast is not made on Mondays.  
2. Hours of operation: 1600-0800 daily, except 1800 Sunday to 0200 Monday.  
3. Warnings are headed GALE when winds of force 7-9 are expected; STORM for winds of force 10 and above, and HURRICANE (east of 180°) or TYPHOON (west of 180°) for force 12 winds when in connection with disturbances of tropical origin.  
4. Forecasts are valid for 24 hours beginning at 0500 and 2000.  
5. All broadcasts are in clear English.

INFORMATION DATED: November 1965.

280807 PEARL HARBOR, HAWAII (NPM)

This is the RADIOTELEGRAPH weather portion of the Pearl Harbor (NPM) composite Fleet General Broadcast.

AREA AFFECTED: Water area of the North Pacific Ocean between the Equator and latitude 40N, bounded on the west by longitude 160E and on the east by a line connecting 40N-150W to the Equator at 113W.

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Call Sign	Frequencies (Al)	Contents of Trans
0410	(NPM)	131.05 kcs	WARNING, FORECAST.
0950		4525 kcs	Analysis at 0950 and 2150
1610		9050 kcs	broadcast (Code FM 46.C).
2150		13655 kcs 16457.5 kcs 20575 kcs 22593 kcs	

- NOTES: 1. Warnings identified by originator, type warning and date/time group.  
2. Forecasts for 24 hour period.  
3. Speed of transmission 16 WPM.  
4. Compiled by Fleet Weather Central, Pearl Harbor, Hawaii.

INFORMATION DATED: ~~January~~ 1966.  
MAY



**281000 INDONESIA**

281001 DJAKARTA/KEMAJORAN (8BB)

AREA AFFECTED: Area circumscribed by line through Equator - 95E, Equator - 109E, 10S-95E, 10S-141E, 5N-119E, 5N-141E.

SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>1</sub> )	Contents of Trans
0930	5107 kcs 8055 kcs 11500 kcs 16200 kcs	Storm warnings. Weather summary and situation, Fore- casts for 24 hours.

NOTE: All broadcasts are transmitted in clear English.

INFORMATION DATED: July 1965.

## 281300 SINGAPORE

281301 SINGAPORE (9VG) (GYS)

AREA AFFECTED: Malacca Straits, Andaman Sea and South China Sea.

### CALL SIGNS, TIMES AND FREQUENCIES

9VG 3	0120,1320	516 kcs	A1	3 KW
9VG 5	0145,1345	2760 kcs	A3	300 W
9VG 6	1345	4371.1 kcs	A3	300 W
9VG 21	0145	8767.2 kcs	A3	300 W

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
0120	Part 1: Storm warnings for the area affected. Part 2: General situation for the area affected. Part 3: Forecasts of surface wind, weather and state of sea for sea areas: (a) Phuket (b) Malacca (c) Tioman (d) Bunguran (e) Condore (f) Reef
0145	See 0120
1320	See 0120
1345	See 0120

- NOTES: 1. Forecast valid for 12 hours.  
2. The area will be extended northwards to Eastern Sea, south of Japan and Yellow Sea on request to the Royal Observatory, Hong Kong.  
3. Forecasts for Indian Ocean (areas C65, C70, C75, C80, C85 and E05, E10, E15, E25, E30, E35, E45, E50, E55, E65, E70, E75) are transmitted on request only.  
4. See Chartlet page 2-44.  
5. Storm warnings are broadcast on receipt.  
6. All broadcast in English.

INFORMATION DATED: August 1966.

## 281400 TRUST TERRITORY OF THE PACIFIC ISLANDS

281401 CAROLINE ISLANDS

MARSHALL ISLANDS

KOROR (KUP68)

MAJURO (KUP65)

PONAPE (KUP66)

TRUK (KUP67)

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>3</sub> )	Contents of Trans
<u>Koror (KUP68)</u>		
0600,0630	2724 kcs	Weather broadcast for Palau and Yap area.
<u>Ponape (KUP66)</u>		
0400,1300	2724 kcs	Weather broadcast for Ponape area.
<u>Truk (KUP67)</u>		
0300,0330 1100.	2724 kcs	Weather broadcast for Truk area.
<u>Majuro (KUP65)</u>		
0400	2724 kcs	Weather broadcast for Majuro area.

INFORMATION DATED: March 1966.

**281500 NEW CALEDONIA**

281501 NOUMEA (FJP)

**RADIO NOUMEA**AREA AFFECTED: Region within 300 miles of the coasts of New Caledonia and  
and New Hebrides.

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A3)	Contents of Trans
<u>Noumea (FJP)</u>		
0000,0930 and on request	8698 kcs (A1)	Forecast bulletin valid for 24 hours. Surface analysis (on request only) for the area 5N-46S, 130E-170W. Storm warnings.
0030,0900	416.5 kcs (A1)	Storm warnings.
0330,0500, 2000,2300	4390.2 kcs	Storm warnings.
0400,2300	8780 kcs	
0705,1905	2182 kcs	
<u>Radio Noumea</u>		
1900-2100	1,420 kcs	Retransmission of Noumea (FJP) forecast.
0630-1100 0230-0200	1,420 kcs	Weather bulletin, valid 24 hours, giving probable state of sky, wind, temperature and humidity, etc., also wind forecasts for the local sea areas.
0630-1100 1900-2100 2330-0200	3,355 kcs	
1900-2100 2330-0200	7,160 kcs	

- NOTES: 1. \*Preceded by general call on 500 kcs.  
2. Storm warnings are broadcast on 500 kcs on receipt and at the  
end of the two silent periods following receipt.  
3. All broadcasts are in clear French.  
4. The special Marine weather bulletins contain the following  
information:
1. Developing tropical disturbance.  
Wind speed cannot be specified. Depression still ill-defined.
  2. Warning.  
Wind speed not exceeding 33 knots (Beaufort Force 7).
  3. Gale warning.  
Wind speed between 34 and 47 knots (Beaufort Force 8 or 9).
  4. Storm warning.  
Wind speed between 48 and 63 knots (Beaufort Force 10 or 11).
  5. Cyclone warning.  
Wind speed over 64 knots (Beaufort Force 12 or more).

INFORMATION DATED: August 1965.

## 281600 NEW ZEALAND

281601 AUCKLAND (ZLD)

WELLINGTON/HIMATANGI (ZLZ) (ZLX) (ZLW)

- AREA AFFECTED: 1. Coastal waters of New Zealand extending 300 miles seaward.  
2. South Pacific Ocean and Tasman Sea.

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>1</sub> )	Contents of Trans
<u>Auckland (ZLD)</u>		
0135,0735, 1935	2206 kcs (A <sub>3</sub> )	SYNOP
0225,1425		Storm warnings.
0918,2118		Storm warnings, General inference, Forecasts for 5 areas: (a) NW area (d) SW area (b) NE area (e) SE area (c) Central area
<u>Wellington (ZLW)</u>		
0830,2030	417.5 kcs (A <sub>2</sub> )	Storm warnings. Situation, Forecasts for five areas. SHIP, SYNOP.
<u>Wellington (ZLZ20)</u>		
0500*,0520*, 1800.	5915 kcs	IAC FLEET.
0820,0830, 1400.		Storm warnings and statement of situation. Forecasts for five areas.
0915.		SHIP.
<u>Wellington (ZLZ22) (ZLX22) (ZLX37)</u>		
0200,2020, 2030.	7600 kcs (ZLZ22) 11130 kcs (ZLX22) 14850 kcs (ZLX37)	Storm warnings.
0500,0520, 1800.		IAC FLEET.
0820,0830, 1400.		Storm warnings and statement of situation. Forecasts for five areas.
0915,2115.		SHIP.

continued

281601—continued

Wellington (ZLX31)

0200, 2020, 19488 kcs Storm warnings.  
2030.  
0500#, 0520#. IAC FLEET.  
2115. SHIP.

- NOTES: 1. \*From March to November inclusive.  
2. #From December to February inclusive.  
3. All transmissions in clear English except:  
(a) SYNOP FM11.C.  
(b) SHIP FM21.C, FM22.C, FM23.C.  
(c) IAC FLEET FM46.C.

INFORMATION DATED: March 1966.

281605 AWARUA (ZLB)

AREA AFFECTED: Coastal waters of New Zealand extending 300 miles seaward  
plus eastward extension beyond Chatham Island to 174°W  
between 41°S and 46°S.

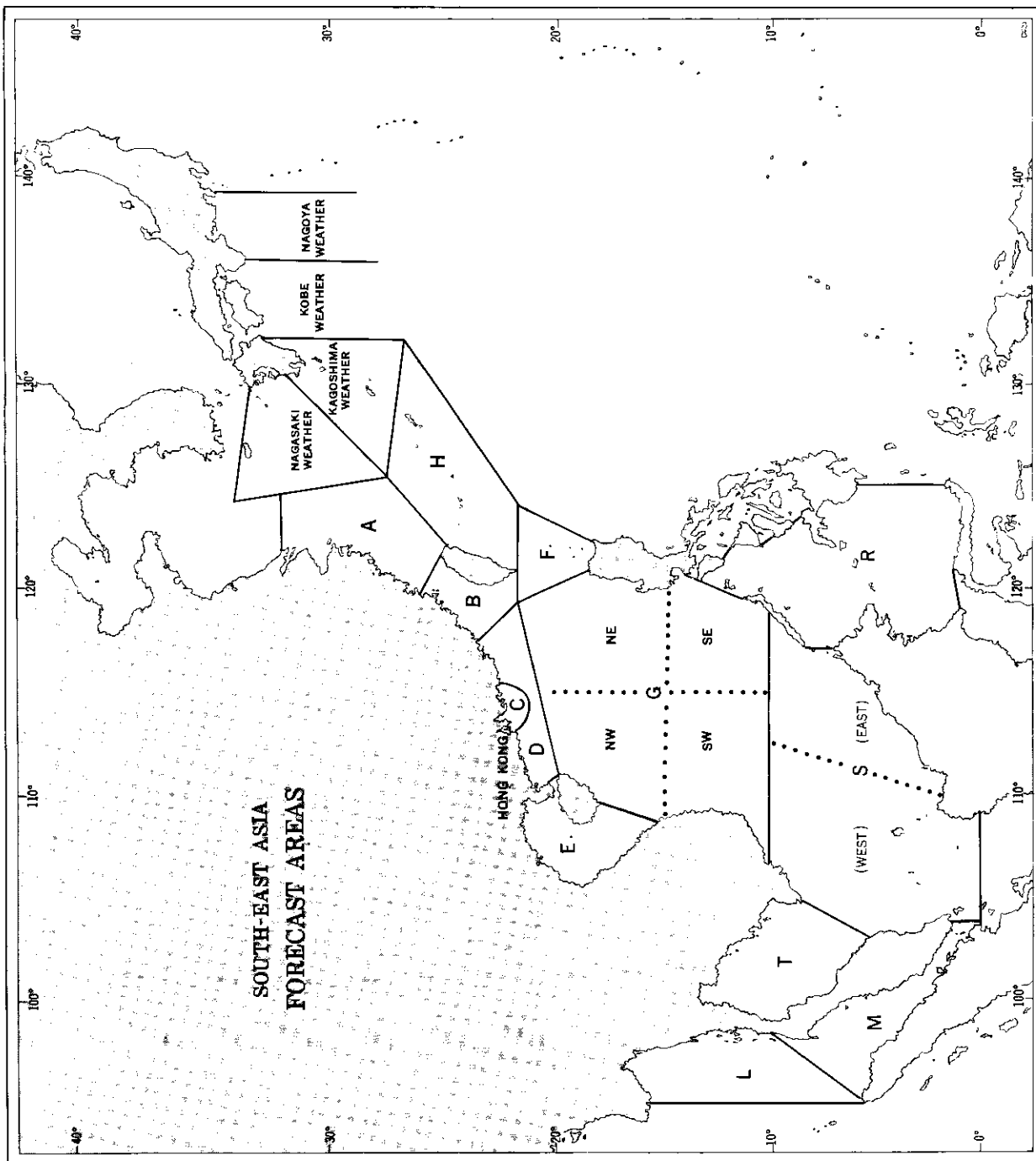
## SCHEDULE OF TRANSMISSIONS

Time of Trans	Call Sign	Frequencies	Content of Trans
0140 0740 1940	(ZLB)	2206 kcs (A3)	SYNOP from New Zealand and selected SW Pacific Island stations.
0235 1435			WARNING, for area 25S-50S, 160E-170W.
0903 2103			WARNING, for the area 25S-50S, 160E-170W. General interference for the area 25S-50S, 150E-160W. FORECAST for areas extending 300 miles from coast.

- NOTES: 1. Preliminary call on 2182 kcs.  
2. Synop reports contain: name of station, present weather, visibility in miles, wind speed and direction, pressure in millibars and state of the sea.  
3. If the 0000 or 0600 reports are not available, the 2100 or 0300 reports respectively will be included.  
4. Broadcasts are in clear English.

INFORMATION DATED: ~~December 1963.~~

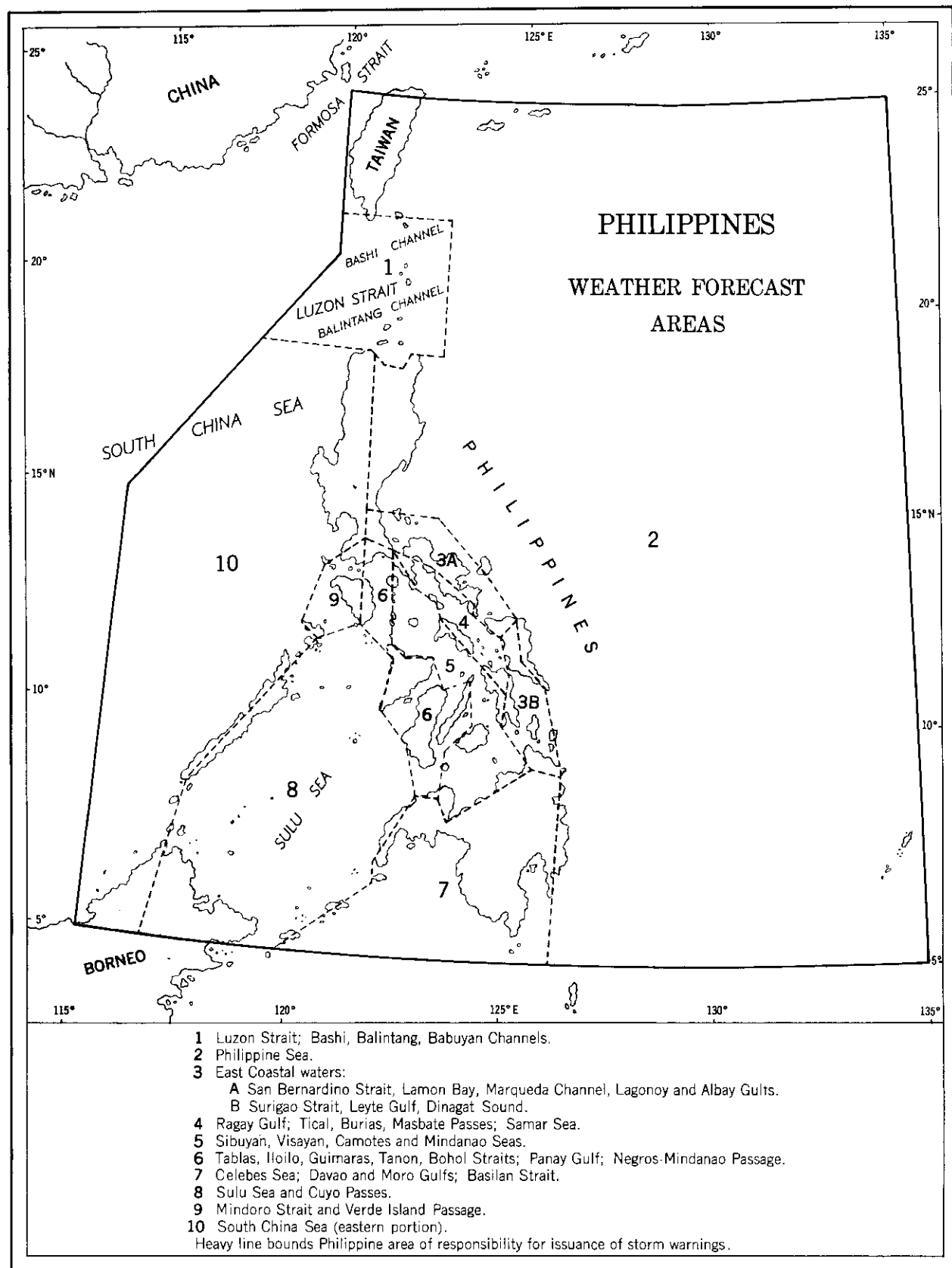
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## 281800 REPUBLIC OF THE PHILIPPINES

281801 MANILA (DUM) (DZR) (DZG) (DZC) (DZE) (DZF) (DZH) (DZS)

AREA AFFECTED: Pacific waters inside the boundary line: 25N-120E, 25N-135E, 5N-135E, 5N-115E, 15N-115E, 21N-120E.

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>1</sub> )	Contents of Trans
<u>Manila (DUM 2) (DUM 3) (DUM 4)*</u>		
0330,0900	5880 kcs (DUM 2)	Storm warnings.
1500,2100	8920 kcs (DUM 3)	
	15832.5 kcs (DUM 4)	Bulletins and forecasts.
<u>Manila (DZR)#</u>		
0120,1020	474 kcs (A <sub>1</sub> ,A <sub>2</sub> )	Forecasts valid for 24 hours
	500 kcs (A <sub>1</sub> ,A <sub>2</sub> )	from 0000, 1200.
	6446 kcs	
	8486 kcs	
	13074 kcs	
	17136.8 kcs	
<u>Manila (DZG)#</u>		
0030,0320,0430, 1030,1520	483 kcs (A <sub>1</sub> ,A <sub>2</sub> )	Storm warnings.
	500 kcs (A <sub>1</sub> ,A <sub>2</sub> )	
	6418 kcs	
	8646 kcs	Forecasts valid for 24 hours
	12930 kcs	from 0000, 1200.
	17242.4 kcs	
<u>Manila (DZC)#</u>		
0100,0700	6512.5 kcs	Forecasts valid for 24 hours
	8702 kcs	from 0000.
<u>Manila (DZE)#</u>		
0300,1100	6448 kcs	Forecasts valid for 24 hours
	8610 kcs	from 0000, 1200.
	13051 kcs	
<u>Manila (DZF)#</u>		
0000,1200	6411 kcs	Forecasts valid for 24 hours
	8630 kcs	from 0000, 1200.
<u>Manila (DZH)#</u>		
1120,2300	6477.5 kcs	Forecasts valid for 24 hours
	8654 kcs	from 1200, 0000.

281801—continued

Manila (DZS)#

0030,0330,	2598	kcs (A3)	Forecasts valid for 24 hours
0630,0930,	3895	kcs (A3)	from 0000, 1200.
1230.	11165	kcs (A3)	Storm warnings.

- NOTES: 1. \*Storm warnings for neighboring ocean areas as received from other storm warning centers will be re-broadcast as appropriate. Only one warning on each tropical cyclone will be included.
2. #Storm warnings broadcast on receipt and after silent periods or on request.
3. All broadcasts are transmitted in clear English.

INFORMATION DATED: March 1966.

281803 SANGLEY POINT, P.I. (NPO)

This is the radiotelegraph weather portion of the Manila (NPO) Composite Fleet/General Broadcast.

AREA AFFECTED: Western North Pacific waters north of the equator and bounded by equator - 132E, 23N-123E to the coast of China at 26N and equator north to the coast at 100E.

SCHEDULE OF TRANSMISSIONS

Time of Trans	Frequencies (A <sub>1</sub> )	Contents of Trans
0215,1430	4445 kcs 12200 kcs 15925 kcs	Typhon warnings for western Pacific Ocean west of 145° east. Gale/Storm warnings.
0700,1930		Typhon warnings as above. IAC FLEET (FM 46.C).

NOTE: 1. Data compiled by FWC Guam.

INFORMATION DATED: June 1967.

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## **SECTION 3**

# **SYNOPTIC BROADCASTS**

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## SYNOPTIC BROADCAST STATIONS

CALL SIGN	STATION	STATION NO.	CALL SIGN	STATION	STATION NO.
AIE	Guam, M.I.	380801.	ZEL	Hong Kong	371501.
ARA	Karachi Airport, Pakistan	373101.	ZEL	Hong Kong	371502.
AXI	Darwin, Australia	380105.	ZLX	Wellington/Himatangi, N. Z.	381801.
AXM	Canberra, Australia	380102.	ZLX	Wellington/Himatangi, N. Z.	381802.
BAD	Peking, China	371101.	ZLZ	Wellington/Himatangi, N. Z.	381801.
BAH	Peking, China	371102.	ZLZ	Wellington/Himatangi, N. Z.	381802.
BFM	Lan-chou, China	371106.	ZQN	Plaisance, Mauritius	352901.
BJZ	Han-kou, China	371106.	ZRO	Pretoria, R. S. Africa	355001.
BLD	Chen-tu, China	371110.	4QG	Colombo, Ceylon	370901.
BMB	Tai-pei (Taiwan)	371301.	5AF	Idris El Awal, Libya	352501.
CAK	Santiago/Los Cerrillos	320502.	5ST	Tananarive/Antanitibe, Malagasy Republic	352601.
CCS	Santiago, Chile	320501.	5ST	Tananarive/Antanitibe, Malagasy Republic	352602.
CRO	Lourenco Marques, Mozambique	353501.	5YE	Nairobi	350401.
DUM	Manila, P.I.	382101.	6OM	Mogadisco, Somali Republic	352401.
EPD	Tehran, Iran	371801.	8BB	Djakara/Kemajoran, Indonesia	381001.
ETD	Addis Ababa, Ethiopia	351201.	8CJ	Makassar/Mandai, Indonesia	381003.
ETS	Asmara, Ethiopia	351202.	9VF	Singapore	381301.
FXN	Tontouta Aerodrome, New Caledonia	381501.			
FZP	Papeete, Tahiti	380501.			
FZR	Saint Denis	354201.			
FZS	Saint Denis	354201.			
GEH	Khormaksar, Aden	370101.			
HLL	Seoul, Korea	372501.			
HSW	Krung Thep (Bangkok), Thailand	373501.			
HXP	Saint Denis	354201.			
HXP	Saint Denis	354202.			
HXV	Papeete, Tahiti	380503.			
HZJ	Jeddah, Saudi Arabia	334401.			
JMB	Tokyo, Japan	372204.			
JMD	Osaka, Japan	372202.			
JME	Fukuoka, Japan	372201.			
JMF	Sapporo, Japan	372203.			
JMG	Tokyo, Japan	372207.			
JMI	Tokyo, Japan	372205.			
NKA	Asmara, Ethiopia	351203.			
NPG	San Francisco, Calif.	310507.			
NPM	Pearl Harbor, Hawaii	380901.			
NPN	Guam, M.I.	380802.			
OAA	Lima, Peru	321001.			
OAG	Lima, Peru	321001.			
OBE	La Punta, Peru	321002.			
RCR	Khabarovsk, USSR	334804.			
RDW	Khabarovsk, USSR	334804.			
RG0	Khabarovsk, USSR	334804.			
RQM	Khabarovsk, USSR	334804.			
RSP	Khabarovsk, USSR	334804.			
RTM	Khabarovsk, USSR	334804.			
STK	Khartoum, Sudan	354401.			
SUU	Cairo, Egypt	350901.			
SUU	Cairo, Egypt	350903.			
TNL	Brazzaville, Congo	351521.			
TXZ	Djibouti, French Somaliland	351601.			
VDPP	Phnom Pehn, Cambodia	370601.			
VVC	Dum Dum (Calcutta), India	371701.			
VVD	New Delhi	371702.			
VVD3	New Delhi, India	371706.			
VWR	Poona Weather Radio, India	371707.			
XBA	Tacubaya, D.F. Mexico	310301.			
XDD	Chapultepec, D.F. Mexico	310301.			
XDP	Chapultepec, D.F. Mexico	310301.			
XVS	Saigon, Vietnam	373901.			
XWZ	Vientiane, Laos	372601.			
XXF	Macao, Macao	372901.			
XXI	Baucau	382301.			
XZW	Mingaladon, Burma	370401.			
YIW	Baghdad, Iraq	371901.			

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### 310300 MEXICO

310301 CHAPULTEPEC, D.F. (XDD) (XDP)  
TACUBAYA, D.F. (XBA)

AREA AFFECTED: Coastal waters of western  
Mexico.

#### TIMES AND FREQUENCIES

XDP	0300,1500,2000	4800 kcs A1
XDD	0300,1500,2000	13043 kcs A1
XBA	0130,0300,0600	
	1330,1500,1800	
	1930	6977 kcs A1,A2,A3
	1800,1930	13953.5 kcs A1,A2,A3

#### SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
0130	SYNOP, PILOT
0300	SYNOP, PILOT, Storm warnings Forecasts valid for 24 hours.
0600	Storm warnings, Forecasts for area affected.
1330	See 0130.
1500	SYNOP, PILOT, TEMP Storm warnings. Forecasts valid for 12 hours for area affected.
1800	See 0600
1930	See 0130
2000	See 0300

- NOTES: 1. Forecasts at 1800 and 2000 are  
valid for 36 hours.  
2. SYNOP, PILOT, TEMP from  
selected Mexican Stations  
codes FM 11.C, FM 32.C, FM 35.C.  
3. All broadcasts are in clear  
Spanish.

INFORMATION DATED: November 1965.

**310500 UNITED STATES OF AMERICA****310507 SAN FRANCISCO, CALIFORNIA (NPG)**This is the San Francisco (NPG) Radio-  
teletype Continuous Weather Broadcast.AREA AFFECTED: (a) Eastern North Pacific  
Ocean fromOcean from the coast  
of North America at  
54.7N 127.7W to  
54.7N 140W to 40N  
150W, thence rhumbli-  
to the equator at  
114W and along th  
equator to the(b) Eastern North  
east of 114W  
of theTIMES AND FREQ

Continuous	3268		
Continuous	5300		KW
Continuous			KW
1500-1000	1400		15 KW
1800-0600	1800		15 KW
1800-0600	2178	F1	15 KW

INFORMATION AVAILABLE

SA	USWB Hourly Symbolic
SYNOP	FM 11C
SHIP	FM 21C, FM 22C, FM 23C
PILOT	FM 32C, FM 33C
TEMP	FM 35C, FM 36C
PLATF	USWB Hourly Symbolic
FORECAST	FA,FD,FM,FP-1,FT-1,FT-2
COASTAL REPORTS	Plain Language
WARNING	Plain Language
SPECIAL WEATHER	FL,WW,PIREPS,Special SA's
NUMERICAL WEATH- ER PRODUCTS	Special Codes FNWF Monterey TECH NOTES/ MEMOS

SCHEDULE OF TRANSMISSIONS

Time of Time	Time of Obs	Contents of Trans
H+05	HOURLY SA	
0023-1223	0000-1200	SYNOP(a),(b),(c),(d)
	0000-1200	SHIP (e) (see note 1)
		Variable NWP
0123-1323	0000-1200	SHIP(e)
	0100-1300	PLATF
		Variable NWP
0223-1423	0000-1200	PILOT(a),(d)
	0000-1200	TEMP(a)
	0300-1500	COASTAL REPORTS
		Variable NWP

0323-1523	0330-1530	FP-1
	0300-1500	PLATF
		Variable NWP
0423-1623	00-1700	FT-1
		Variable NWP
0523-1723	00-1700	FT-2
		-1800 FM
	00-1800	FD
	0600-1800	COASTAL REPORTS
		Variable NWP
0623-1823	0600-1800	SYNOP(a),(b),(c),(d)
	0600-1800	SHIP(e)
	0700-1900	FA
		Variable NWP
0723-1923	0700-1900	PLATF
	0600-1800	SHIP(e)
		Variable NWP
0823-2023	0600-1800	PILOT(a),(d)
	0600-1800	PILOT SHIP(e)
	0900-2100	COASTAL REPORTS
		Variable NWP
0923-2123	0600-1800	WARNINGS
	0900-2100	PLATF
		Variable NWP
1023-2223	1100-2300	FT-1
		Variable NWP
1223-2323	1100-2300	FT-2
	1200-0000	FM
	1200-0000	FD
	1200-0000	COASTAL REPORTS
		Variable NWP

SURFACE REPORTS

SYNOP  
UNITED STATES: (SM35, SM34) approxi-  
mately 100 stations.  
CANADA: (SMCN) approximately 100 stations.  
ALASKA: (SMAX) approximately 22 stations,  
block 70.  
MEXICO: (SMMX) approximately 15 stations,  
block 76.  
SHIP: (SMPA) All available reports.  
SA: Hourly aviation weather reports  
from Service "A" Circuits 8035,  
8034, 8033, 8032, and U.S. Air  
Force Circuits SAUS 1 and SAUS 5.  
See NOTE 2 for circuit description.  
COASTAL: Coastal and Marine weather  
reports from lighthouse, lightship,  
and offshore island stations as  
available for Western U.S.

UPPER AIR DATA

PILOT: United States (UG35, UG34, UC35,  
UC34) approximately 60 stations  
including 6 stations from Mexico  
in UG35.  
PILOT SHIP: (UCPA) All available reports.  
TEMP: United States (UJ35,UJ34)  
approximately 25 stations.  
TEMP SHIP: (UJPA) All available reports.

FORECASTS

PLATF: 24-hour terminal forecasts for approximately 66 military stations in U.S.

FN: Regional Weather Synopsis for area west of Continental Divide.  
FA: \*\*Aviation area forecast  
FD: \*\*Winds aloft forecast  
FP-1: Guidance forecast  
FT-1: \*\*12-hour aviation terminal forecasts.  
FT-2: \*\*24-hour aviation terminal forecasts.  
\*\* These forecasts cover areas in Circuits 8035 and 8034.  
(See NOTE 2.)

SPECIAL WEATHER

Flash Advisories (FL), Severe Weather Warnings (WW), PIREP, and special non-hourly aviation weather reports from selected Military reporting stations.

CAT-Clear Air Turbulence Forecast prepared by U.S. Air Force.

NUMERICAL WEATHER PRODUCTS

NWP analysis and forecasts from Fleet Numerical Weather Facility Monterey will normally cover the area 10N to 70N, 180 to 110W and includes the following data:

850 MB HT, 24, 36 HR PROGS.  
700 MB HT 12, 24, 36 HR PROGS.  
500 MB HT 12, 24, 36 HR PROGS.  
300 MB HT 12, 24, 36 HR PROGS.  
200 MB HT 12, 24, 36 HR PROGS.  
850 MB WIND 12, 24, 36 HR PROGS.  
700 MB WIND 12, 24, 36 HR PROGS.  
500 MB WIND 12, 24, 36 HR PROGS.  
300 MB WIND 12, 24, 36 HR PROGS.  
200 MB WIND 12, 24, 36 HR PROGS.  
WIND WAVE 12 AND 36 HR PROGS.  
SWELL WAVE 12 AND 36 HR PROGS.  
COMBINED WIND WAVE AND SWELL 12 AND 36 HR PROGS.  
SEA TEMPERATURE ANAL.

SFC PRESSURE 24 AND 36 HR PROGS.  
850 MB AND 500 MB W (Vertical Motion) ANAL AND 36 HR PROGS.

RADFO  
CALSEA

ALTIMETER SETTINGS 12, 18, 24 HR PROGS.  
BT/SV 24 HR PROGS.

POT MLD ANAL AND 24 HR PROGS.

- NOTES: 1. The index to contents of transmission is as follows:  
(a), U.S., (b) Canada,  
(c) Alaska, (d) Mexico,  
(e) North Pacific Ocean areas east of 180 degrees.
2. Circuits cover the following areas:  
8035-Southern California, extreme SW portion of Arizona and Nevada.  
8034-Washington, Oregon, Western Nevada and Northern California.  
8033-Utah, Nevada, Arizona, Western Colorado, and Western New Mexico.  
8032-Montana, Wyoming and Utah.  
SAUS 1-Northern and Central California, Washington, Oregon, Western Nevada and Idaho.  
SAUS 5-Southern California, Arizona, Southern Nevada, New Mexico and Texas.
3. SHIP, PILOT SHIP and TEMP SHIP are from area affected and extended west to 180 degrees longitude.
4. SYNOP, PILOT and TEMP for the U.S. and Canada, blocks 72 and 74, cover land area west of 100W.
5. Numerical Products are based on the 0000Z and 1200Z analysis.
6. Data for this broadcast are compiled by FWC Alameda, California. It is a partially edited broadcast and time of transmission of data, other than SA's will vary depending on length of report and time of receipt. Miscellaneous, unscheduled data will be transmitted in lieu of missing scheduled data and during OPEN periods.

--continued

310507—continued

7. Radioteletype Weather and Facsimile broadcasts transmitted by the Navy are combined within a 4 kc bandwidth. The signal combining is accomplished through the use of multiplex equipment capable of deriving two independent 3 kc voice frequency channels from a normal 6 kc bandwidth sideband. The combined signal modulates the upper sideband of a single sideband transmitter. The fully suppressed carrier is located 3100 cps below the assigned frequency. The facsimile portion is located 1500-2300 cps and the radioteletype portion 3940-4650 cps above the suppressed carrier. Units required to copy and not having single sideband receiving and demultiplexing equipment must use individual receiver/converter for each portion copied.

INFORMATION DATED: January 1967.

## 320500 CHILE

320501 SANTIAGO DE CHILE (CCS)

### TIMES AND FREQUENCIES

0630,2000	2806.5 kcs	A1	1 KW
	4766 kcs	A1	1 KW
0130,1330,2000	6998 kcs	A1	3 KW
	11990 kcs	A1	3 KW
	18035 kcs	A1	3 KW

### INFORMATION AVAILABLE

FORECASTS	PLAIN LANGUAGE (Spanish)
SYNOPS	FM 11.C
TEMPS	FM 35.C CLIMAT FM 71

### SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0130	2300	SYNOPS FM 11.C. Selected reports from block 85 FORECASTS, for the whole country especially for shipping.
0630	0000	TEMP
1330	1200	SYNOPS See 0130 FORECAST See 0130 CLIMAT, Selected reports from block 85.
2000	1800	SYNOPS See 0130 FORECAST See 0130
	1200	TEMPS

INFORMATION DATED: ~~April 1965.~~  
Oct 1961



320502 SANTIAGO/LOS CERRILLOS  
(CAK)

TIMES AND FREQUENCIES

0600-2400	3485 kcs	A1	500 W
0600-2400	6795 kcs	A1	500 W
0600-1200	16830 kcs	A1	1.5KW
1200-2400	18830 kcs	A1	1.5KW

INFORMATION AVAILABLE

SYNOP	FM 11.C
TEMP	FM 35.C
PILOT	FM 32.C
ROUTE	
FORECAST	Plain language (Spanish)
AERO	FM 15.C

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0645	0600	SYNOP, selected stations block 85
	0000	TEMP, PILOT
0945	0900	SYNOP
1000		ROUTE FORECAST
1020,	1000,	
1120	1100	AERO
124	1200	SYNOP
1300		FORECAST Confirmation
1320,	1300	
1420	1400	AERO
1545	1500	SYNOP
1600		ROUTE FORECAST
1620	1600	AERO
1630	1200	TEMP, PILOT
1720	1700	AERO
1845	1800	SYNOP
1920,	1900	AERO
2020	2000	
2145	2100	SYNOP
2220	2200	AERO
2330		ROUTE FORECAST
2345	2300	SYNOP

INFORMATION DATED: ~~April 1965.~~  
OCT 1966

321000 PERU

321001 LIMA, Limatambo (OAG)  
Correo Central (OAA)

CALL SIGNS, TIMES AND FREQUENCIES

OAG 2	{	0115,0655	6852 kcs	A1	500 W
		0115,0655,	8110 kcs	A1	600 W
		1320,1920			
OAA 48	{	1320,1920	16260 kcs	A1	3KW
		0145,1545,	14855 kcs	A1	3KW
		2115			

INFORMATION AVAILABLE

SYNOP	FM 11.C
PILOT	FM 32.C
TEMP	FM 35.C

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0045	0000	SYNOP
0115	0000	SYNOP, PILOT
	2100	PILOT
0655	0600	SYNOP
	0000	TEMP
1320	1200	SYNOP, PILOT, TEMP
1345	1200	SYNOP, TEMP
1900	1800	SYNOP
1920	1800	SYNOP, PILOT
	1500	PILOT

DESCRIPTION OF TRANSMISSIONS

Selected reports from block 84.

INFORMATION DATED: August 1965.

321002 LA PUNTA (OBE)

TIMES AND FREQUENCIES

0200	490 kcs	A1	5KW
2100	8360 kcs	A1	5KW
1600	12307 kcs	A1	1KW

INFORMATION AVAILABLE

SYNOP	FM 11.C
PILOT	FM 32.C
TEMP	FM 35.C
CLIMAT	FM 71

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0200	0000	SYNOP, PILOT
1600	1200	SYNOP, PILOT, TEMP
2100	1800 1500	SYNOP, PILOT PILOT CLIMAT

NOTE: CLIMAT from the 2nd to the 6th of each month.

INFORMATION DATED: January 1965.

334400 SAUDI ARABIA

334401 JEDDAH (HZJ)

CALL SIGN, TIMES AND FREQUENCIES

HZJ	1600-0400	7950 kcs	A1	250 W
	0400-1600	13905 kcs	A1	250 W

INFORMATION AVAILABLE

SYNOP	FM 11.C
PILOT	FM 32.C
TEMP	FM 35.C
TAF	FM 52.C
CLIMAT	FM 71
RETARD	Appropriate form

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0100	0000	SYNOP, TAF <sup>1</sup> , PILOT
0400	0300	SYNOP
	0000	SYNOP/RETARD
	0600	TAF <sup>1</sup>
0700	0600	SYNOP, TAF <sup>1</sup>
		CLIMAT <sup>2</sup>
1000	0900	SYNOP
	0600	SYNOP/RETARD
	1200	TAF <sup>1</sup>
1300	1200	SYNOP, TAF <sup>1</sup> , PILOT
1600	1500	SYNOP
	1200	PILOT, TEMP, SYNOP/RETARD
	1800	TAF <sup>1</sup>
1900	1800	SYNOP, TAF <sup>1</sup>
2200	2100	SYNOP
	1800	SYNOP/RETARD
	0000	TAF <sup>1</sup>

DESCRIPTION OF TRANSMISSIONS

Selected reports from block 40.

- NOTES: 1. Valid for 18 hours.  
2. On the 5th of each month.  
3. Special observations will be included whenever available.

INFORMATION DATED: ~~October 1965.~~

MAY 14 1966

**334800 U. S. S. R.**

**334804 KHABAROVSK**

Broadcasts are by **RADIOTELETYPE**.

CALL SIGNS, TIMES AND FREQUENCIES

RSP	0910-2315	3350 kcs	F1
RGO 71	0910-2315	3785 kcs	F1
RGO 75	0000-2400	4910 kcs	F1
RDW 72	0000-2400	6830 kcs	F1
RQM 76	2325-0900	7530 kcs	F1
RSP	0000-2400	9085 kcs	F1
RTM 26	2325-0900	16190 kcs	F1

INFORMATION AVAILABLE

SYNOP	FM 11.C
SHIP	FM 21.C
PILOT	BARTOP
TEMP	FM 35.C
TEMP	BARTOP
IAC FLEET	FM 45.C

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0025	0000	SYNOP
0050	0000	SHIP
0110	0000	SYNOP
0140	0000	TEMP
0210	0000	SYNOP
0235	0000	TEMP
0240	0000	TEMP
0325	0300	SYNOP
0345	0000	TEMP
0420	0300	SYNOP
0425	0000	TEMP
0515	0000	ANALYSIS
0520	0000	TEMP
0600	0000	PILOT
0625	0600	SYNOP
0650	0600	SHIP

0710	0600	SYNOP
0740	0600	TEMP
0800	0600	SYNOP
0925	0900	SYNOP
1020	0900	SYNOP
1225	1200	SYNOP
1250	1200	SHIP
1310	1200	SYNOP
1340	1200	TEMP
1410	1200	SYNOP
1430	1200	TEMP
1435	1200	TEMP
1525	1500	SYNOP
1545	1200	TEMP
1620	1500	SYNOP
1625	1200	TEMP
1715	0000	ANALYSIS
1720	1200	TEMP
1800	1200	PILOT
1825	1800	SYNOP
1850	1800	SHIP
1910	1800	SYNOP
1940	1800	TEMP
2010	1800	SYNOP
2040	1800	TEMP
2045	1800	TEMP
2125	2100	SYNOP
2145	1800	TEMP
2220	2100	SYNOP

INFORMATION DATED: May 1966.

# 350400 KENYA

350401 NAIROBI (5YE)

AREA AFFECTED: Area within a radius of 4000 miles from Nairobi.

## CALL SIGNS, TIMES AND FREQUENCIES

5YE 4	1800-0500	5127 kcs	F1	10 KW
5YE	0000-2400	9043 kcs	F1	10 KW
5YE 3	0500-1800	17365 kcs	F1	10 KW

## INFORMATION AVAILABLE

SYNOP	FM 11.C
SHIP	FM 21.C
PILOT	FM 32.C
TEMP	FM 35.C
IAC	FM 45.C
IAC FLEET	FM 46.C
AIREP	Plain language
TAF	FM 51.C
CLIMAT	FM 71
CLIMAT/TEMP	FM 75.C

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
0100-0130	SYNOP, SHIP, AIREP, PILOT
0200-0230	SYNOP, PILOT, SYNOP, TEMP, AIREP
0400-0420	SYNOP, TEMP/RETARD, TAF, PILOT, SHIP
0420-0430	Marine Bulletin: Indian Ocean areas D 00 to D 35
0500-0530	SYNOP, SHIP, TAF, TEMP
0700-0730	SYNOP, PILOT, SHIP, AIREP, TAF, TEMP
0800-0830	PILOT, SHIP, SYNOP, AIREP, TEMP, TAF
1000-1030	SYNOP, SHIP
1100-1130	SYNOP, AIREP, SHIP, TAF, IAC FLEET
1300-1320	SYNOP, SHIP, AIREP, CLIMAT, CLIMAT/TEMP, PILOT, TAF
1400-1425	SYNOP, PILOT, TEMP, SHIP, AIREP, CLIMAT, CLIMAT/TEMP, TAF
1600-1620	SYNOP, TEMP, SHIP
1620-1630	See 0420.
1700-1730	SYNOP, SHIP, AIREP, TAF
1900-1915	SYNOP, SHIP, AIREP
2000-2030	SYNOP, PILOT, SHIP, AIREP
2200-2225	SYNOP, TEMP

-continued

350401 —continued

DESCRIPTION OF TRANSMISSIONS

SYNOPS

East Africa, Aden, Mauritius, Madagascar, Ethiopia (Eritrea), Somalia.

PILOTS

East Africa, Madagascar, Somalia, Ethiopia, Mauritius, Aden.

TEMPS

Aden, East Africa, Madagascar, Ascension, India, Pakistan, Ethiopia, New  
Amsterdam, Bahrain, Gan.

IAC FLEET

850 mb 15N-15S, 22.5E-60E.  
700, 500, 300, 200 mb: 20N-20S, 0-60E.

SHIPS

12N-15S, Coast-60E.  
South of equator, 50E to 90E.  
Madagascar.  
Arabian and Red Sea Area.  
Madagascar sea area.  
Mauritius.

AIREP

As available.

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NOTE: 1. All reports from selected stations Block 63.

INFORMATION DATED: August 1966.

**350900 UNITED ARAB REPUBLIC  
(EGYPT)**

350901 CAIRO (SUU)

AREA AFFECTED: Eastern Mediterranean,  
Middle East, India and  
Pakistan.

1945	1800	SYNOP, PILOT
	1200	IAC
		AIREP
2140	2100	SYNOP
		SHIP
2245	2100	SYNOP
		AIREP

CALL SIGNS, TIMES AND FREQUENCIES

SUU 3	0000-2400	7317	kcs	F1	5 KW
SUU 7	1530-0530	3957	kcs	F1	3 KW
SUU 9	0530-1530	18106	kcs	F1	5 KW
SUU 30	0000-2400	10893	kcs	F1	5 KW

INFORMATION AVAILABLE

SYNOP	FM 11.C
SHIP	
PILOT	FM 32.C
TEMP	FM 35.C
IAC	FM 45.C
CLIMAT	FM 71
CLIMAT/TEMP	FM 75.C
AIREP	
RETARD	

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0000	1800	IAC
0040	0000	SYNOP, PILOT
		SHIP
0145	0000	SYNOP, PILOT
		AIREP
0215	0000	TEMP
0340	0300	SYNOP
	0000	TEMP
		SHIP
0445	0300	SYNOP
		AIREP
0600	0000	IAC
0640	0600	SYNOP, PILOT
		SHIP
0745	0600	SYNOP, PILOT, TEMP,
	0000	IAC
		AIREP
0940	0900	SYNOP
		SHIP
1045	0900	SYNOP
		AIREP
1105		CLIMAT, CLIMAT/TEMP
1240	1200	SYNOP, PILOT
	0600	IAC
		SHIP
1345	1200	SYNOP, PILOT
		AIREP
1415	1200	TEMP
1540	1500	SYNOP
		SHIP
1645	1500	SYNOP
		AIREP
1800	1200	IAC
1840	1800	SYNOP, PILOT
		SHIP

- NOTES: 1. CLIMAT and CLIMAT/TEMP reports of the United Arab Republic stations are broadcast on the 5th, 6th and 7th of each month; those of the other stations are broadcast on the 6th and 7th of each month.
2. RETARD reports are always broadcast in the first scheduled time of broadcast after their receipt.
3. SHIP reports are always included whenever available from the Mediterranean and Red Sea areas.
4. AIREP reports are always included whenever available.
5. SYNOP, PILOT selected reports from blocks 16, 17, 40, 62, 63.
6. TEMP selected reports from blocks 16, 17, 40, 62.

INFORMATION DATED: January 1965.

*MARCH 1966*

350903 CAIRO (SUU)

AREA AFFECTED: Adjacent countries.

CALL SIGNS, TIMES AND FREQUENCIES

SUU 2 0000-2400 10560 kcs A1 3 KW  
SUU 36 0000-2400 4526.5 kcs A1 3 KW

INFORMATION AVAILABLE

SYNOP FM 11.C  
SHIP  
PILOT FM 32.C  
TEMP FM 35.C  
TAFOR FM 51.C  
PRORO FM 57.C  
CLIMAT FM 71  
CLIMAT/TEMP FM 75.C  
AIREP

- NOTES: 1. Forecasts valid for the period of 18 hours commencing one hour after the time of broadcast.  
2. CLIMAT, CLIMAT/TEMP are broadcast on the 5th and 6th of each month.  
3. RETARD reports are always broadcast in the first scheduled time of broadcast after their receipt.

INFORMATION DATED: June 1965.

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0040	0000	SYNOP, PILOT
0210	0000	TEMP SHIP AIREP
0340	0300	SYNOP
0510		TAFOR, PRORO SHIP AIREP
0640	0600	SYNOP, PILOT
0810		SHIP AIREP
0940	0900	SYNOP
1110		CLIMAT, CLIMAT/TEMP TAFOR, PRORO SHIP AIREP
1240	1200	SYNOP, PILOT
1410	1200	TEMP SHIP AIREP
1540	1500	SYNOP
1710		TAFOR, PRORO SHIP AIREP
1840	1800	SYNOP, PILOT
2010		SHIP AIREP
2140	2100	SYNOP
2310		TAFOR, PRORO SHIP AIREP

### 351200 ETHIOPIA

351201 ADDIS ABABA (ETD)

#### CALL SIGNS, TIMES AND FREQUENCIES

ETD 3 0000-2400 6722.5 kcs A1 1KW  
10125 kcs A1 1KW

#### INFORMATION AVAILABLE

SYNOP FM 11.C  
PILOT FM 32.C  
TAFOR FM 51.C  
TEMP FM 35.C  
CLIMAT FM 71  
PRORO FM 57.C

#### SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0100	0000	SYNOP
0400	0300	SYNOP, TAFOR <sup>1</sup>
	0000	TEMP
0700	0600	SYNOP <sup>2</sup> , TAFOR <sup>1</sup> , CLIMAT <sup>3</sup>
	0300	PILOT
1000	0900	SYNOP, TAFOR <sup>1</sup>
1300	1200	SYNOP, TAFOR <sup>1</sup>
1600	1500	SYNOP <sup>2</sup> , TAFOR <sup>1</sup>
1900	1800	SYNOP, TAFOR
2200	2100	SYNOP, TAFOR, PRORO

#### DESCRIPTION OF TRANSMISSIONS

Selected reports from block 63.

- NOTES: 1. Valid for 9 hours.  
2. 7RRT<sub>e</sub>T<sub>e</sub> group is given at 0600 and 1500 GMT.  
3. On the 4th and 5th of each month.  
4. Valid for 18 hours.

INFORMATION DATED: August 1966.

351202 ASMARA (ETS)

#### TIMES AND FREQUENCIES

2200-0400 5175 kcs A1 500 W  
0000-2400 10300 kcs A1 850 W  
0400-2200 20700 kcs A1 1KW

#### INFORMATION AVAILABLE

SYNOP FM 11.C  
PILOT FM 32.C  
TAFOR FM 51.C  
CLIMAT FM 71

#### SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0045	0000	SYNOP
0345	0300	SYNOP
	0600	TAFOR <sup>1</sup>
0645	0600	SYNOP, PILOT
	0900	TAFOR <sup>1</sup>
0945	0900	SYNOP
1245	1200	SYNOP, PILOT
	1500	TAFOR <sup>1</sup>
		CLIMAT <sup>2</sup>
1545	1500	SYNOP
1845	1800	SYNOP
2145	2100	SYNOP

- NOTES: 1. Valid for 18 hours.  
2. On the 1st and 2nd of each month.

INFORMATION DATED: January 1965.



351203 ASMARA (NKA)

This is the RADIOTELETYPE (RATT) weather portion of the ASMARA (NKA) Composite Fleet and General Broadcast.

AREA AFFECTED: 1. Maritime areas including the eastern Mediterranean Sea and the southern Black Sea but not including the Aral and Caspian Seas bounded by the following points:  
45N 15E, 45N 75E, equator 75E, equator 40E and 30N 15E.

TIMES AND FREQUENCIES

Continuous	9060 kcs	F1	15KW
Continuous	12817.5 kcs	F1	5KW
Continuous	22760 kcs	F1	5KW
1900-0500	3220 kcs	F1	5KW
1800-0600	4515 kcs	F1	5KW
0630-2100	17510 kcs	F1	5KW

INFORMATION AVAILABLE

SYNOPS	FM 11.C
SHIPS	FM 21.C
RETARDS	As appropriate
FORECASTS (Area 1)	Plain language(English)
CODED ANALYSIS	FM 46.C-IAC FLEET

SCHEDULE OF TRANSMISSIONS

Time of Trans	Contents of Trans
0410-0440	Forecast, Coded surface analysis, ship and synop.
0955-1040	Ship and Synop.
1555-1640	See 0410-0440 broadcast.
2155-2255	See 0955-1040 broadcast.

DESCRIPTION OF TRANSMISSIONS

SYNOPS

Selected stations from blocks 13, 15, 16, 17, 26 through 38 as available, 40, 41 through 44, as available and 46 and 48 as available: 62, 63 and 67 as available.

SHIPS

Ship reports east of 10E as available.

- NOTES: 1. Speed of transmission: 100 words per minute.
2. U.S. Fleet Weather Central Rota, Spain, compiles broadcast.

INFORMATION DATED: March 1967.

H. O. PUB. NO. 118B  
RADIO WEATHER AIDS

SYNOPTIC BROADCASTS  
AFRICA

**351520 CONGO**

**351521 BRAZZAVILLE (TNL)**

CALL SIGNS, TIMES AND FREQUENCIES

TNL 96	1800-0600	3847.0 kcs	F1	5 KW
TNL 97	0000-2400	6962.5 kcs	F1	3 KW
TNL 99	0600-1800	15507.0 kcs	F1	5 KW
TNL 71	0000-2400	21995.0 kcs	F1	3 KW

INFORMATION AVAILABLE

AIREP	PLAIN LANGUAGE
SYNOP	FM 11.C
SHIP	FM 21.C, FM 22.C
SHRED	FM 23.C
PILOT	FM 32.C
TEMP	FM 35.C
TAFOR	FM 51.C
TAF	FM 52.C
CLIMAT	FM 71
CLIMAT TEMP	FM 75.C
RETARD	Appropriate form.

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0030-0130	0000	SYNOP, PILOT, TEMP, AIREP
	2100	SYNOP/RETARD, TAF
0330-0430	0300	TAFOR
	0300	SYNOP, PILOT
	0000	SYNOP/RETARD, TEMP, PILOT
0630-0730	0600	SYNOP, PILOT, TAFOR, SHRED
	0300	SYNOP/RETARD, PILOT/RETARD
	0000	TEMP, PILOT
	0500	TAF
		AIREP

0930-1030 0900  
0600

0000

1230-1330 1200

0900  
1500  
1000

1530-1630 1500  
1200

1800

1830-1930 1800

1500  
2100

2130-2145 2100  
1800

SYNOP  
SYNOP/RETARD,  
PILOT/RETARD,  
SHIP/RETARD  
PILOT/RETARD,  
TEMP/RETARD  
AIREP  
SYNOP, PILOT,  
SHIP, SHRED  
SYNOP/RETARD  
TAFOR  
TAF  
AIREP  
SYNOP, SHIP  
SYNOP/RETARD,  
PILOT/RETARD,  
SHRED/RETARD,  
TEMP  
TAF  
AIREP, CLIMAT,  
CLIMAT/TEMP  
SYNOP, SHIP,  
PILOT  
SYNOP/RETARD,  
SHRED  
SYNOP/RETARD  
TAFOR  
AIREP  
SYNOP  
SYNOP/RETARD  
AIREP

DESCRIPTION OF TRANSMISSIONS

1. Selected reports from block 64.
2. The HH+30 broadcasts include, in addition to the observations specified, all the data received since the preceding broadcast.

- NOTES:
1. TAFOR broadcast are valid for 24 hours.
  2. CLIMAT, CLIMAT/TEMP broadcasts are on the 3d, 4th, 5th, and 6th of each month except on Sundays.

INFORMATION DATED: November 1965.

*JULY 1966*

# 351600 FRENCH SOMALILAND

351601 DJIBOUTI (TXZ)

## CALL SIGNS, TIMES AND FREQUENCIES

TXZ 8 0018-2130 8682 kcs A1 1KW

## INFORMATION AVAILABLE

SYNOP	FM 11.C
SHIP	FM 21.C
SHRED	FM 23.C
PILOT	FM 32.C
IAC FLEET	FM 46.C
TAFOR	FM 51.C
CLIMAT	FM 71

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0018	0000	SYNOP SHIP SHRED
0318	0300	SYNOP SHIP SHRED TAFOR
0618	0600	SYNOP SHIP SHRED
	0500	PILOT TAFOR
0918	0900	SYNOP SHIP SHRED TAFOR
1218	1200	SYNOP SHIP SHRED
	1100	PILOT
	0600	IAC FLEET TAFOR CLIMAT
1518	1500	SYNOP SHIP SHRED TAFOR
1818	1800	SYNOP SHIP SHRED TAFOR
2118	2100	SYNOP SHIP SHRED

## DESCRIPTION OF TRANSMISSIONS

### ANALYSIS

For the immediate area.

### SYNOPS

Selected reports from block 63.

### SHIPS

All available ship reports.

### PILOTS

Selected reports from block 63.

### TAFORS

Selected reports from block 63.

NOTES: 1. TAFORS are valid for 18 hours from HH+6 hours (HH being the network time), except the TAFOR transmitted at 1818 which is valid for 24 hours from 0000 GMT.

2. On the 5th and 6th of each month, a CLIMAT report (63:126), in code form FM 71, is included in each transmission.

3. Occasional reports in Code forms FM 16.A, FM 33.C and FM 36.C are included in the first territorial broadcast after their receipt.

4. Territorial broadcasts of French Somaliland are re-transmitted at H+95 by the Station Aden-Khormaksa (GEH) on 7340 kcs. A1, 5 KW, 11005 kcs. A1, 5 KW and 17393 kcs. A1, 5 KW.

INFORMATION DATED: January 1965.

### 352400 SOMALI REPUBLIC

352401 MOGADISCIO (60M)

#### TIMES AND FREQUENCIES

0340-1550 12260 kcs A1 1 KW

#### INFORMATION AVAILABLE

SYNOP FM 11.C  
PILOT FM 32.C  
TAFOR FM 52.C  
CLIMAT FM 71  
RETARD FM 11.C

#### SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0340	0300	SYNOP
	1800	SYNOP/RETARD
	2100	SYNOP/RETARD
	0000	SYNOP/RETARD
	0600	TAFOR
0640	0600	SYNOP
	0600	PILOT
	0300	SYNOP/RETARD
		CLIMAT
0940	0900	SYNOP
	0600	SYNOP/RETARD
	0600	PILOT/RETARD
	1200	TAFOR
1240	1200	SYNOP
	1200	PILOT
	0900	SYNOP/RETARD
1540	1500	SYNOP
	1200	SYNOP/RETARD
	1200	PILOT/RETARD
	1800	TAFOR

#### DESCRIPTION OF TRANSMISSIONS

##### SYNOPS

Selected reports from block 63.

##### PILOTS

Selected reports from block 63.

##### RETARDS

Selected late miscellaneous reports from block 63.

NOTES: 1. TAFORS for 0600 and 1800 valid for 9 hours.  
2. TAFORS for 1200 valid for 18 hours.

INFORMATION DATED: ~~January 1965.~~  
MARCH 1966

### 352500 LIBYA

352501 IDRIS EL AWAL (5AF)

#### CALL SIGNS, TIMES AND FREQUENCIES

5AF18 0630-1700 9875 kcs A1 500 W  
5AF19 0000-2400 5880 kcs A1 500 W  
5AF20 1700-0630 2814 kcs A1 500 W

#### INFORMATION AVAILABLE

SYNOP FM 11.C  
PILOT FM 32.C  
TEMP FM 35.C  
CLIMAT FM 71, FM 75  
RETARD Appropriate form

#### SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0025	0000	SYNOP, PILOT
	2100	SYNOP/RETARD
0150	0000	TEMP
0325	0300	SYNOP
	0000	SYNOP/RETARD
	0000	PILOT/RETARD
0400	0000	TEMP/RETARD
0625	0600	SYNOP, PILOT
	0300	SYNOP/RETARD
0925	0900	SYNOP
	0600	SYNOP/RETARD
	0600	PILOT/RETARD
1225	1200	SYNOP, PILOT
	0900	SYNOP/RETARD
		CLIMAT, CLIMAT/TEMP
1350	1200	TEMP
1525	1500	SYNOP
	1200	SYNOP/RETARD
	1200	PILOT/RETARD
1600	1200	TEMP/RETARD
1825	1800	SYNOP, PILOT
	1500	SYNOP/RETARD
2125	2100	SYNOP
	1800	SYNOP/RETARD
	1800	PILOT/RETARD

#### DESCRIPTION OF TRANSMISSION

##### SYNOP, PILOT, TEMP, CLIMAT

Selected reports from block 62.

##### RETARDS

Selected late miscellaneous reports from block 62.

NOTES: 1. CLIMAT is transmitted on the 3rd of each month.  
2. TEMP, when available.

INFORMATION DATED: ~~January 1965.~~  
MARCH 1966

# 352600 MALAGASY REPUBLIC

352601 TANANARIVE/ANTANETIBE (5ST)

## CALL SIGNS, TIMES AND FREQUENCIES

5ST 25 0100,0130 2614 kcs A1 500 W  
5ST 28 0100,0400, 4525 kcs A1 1 KW  
1600,1900  
0100,0400,0700,  
5ST 41 1000,1300, 7552 kcs A1 10 KW  
1600,1900  
5ST 83 0400,0700, 17400 kcs A1 10 KW  
1000,1300

## INFORMATION AVAILABLE

SYNOP FM 11.C  
SHIP FM 21.C, FM 22.C  
PILOT FM 32.C  
TEMP FM 35.C  
IAC FLEET FM 46.C  
CLIMAT FM 71  
CLIMAT/TEMP FM 75.C  
RETARD Appropriate form  
AIREP Plain language

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0100	0000	SYNOP, PILOT, TEMP, SHIP
	1800	SYNOP/RETARD
0130	0000	Repeat of 0100 transmission
0400	0300	SYNOP
	0000	TEMP, SYNOP/RETARD
	1800	SYNOP/RETARD
	1500	SYNOP/RETARD
0700	0600	SYNOP, PILOT, SHIP AIREP
1000	0900	SYNOP
	0600	TEMP, IAC FLEET
1300	1200	SYNOP, PILOT, SHIP CLIMAT, CLIMAT/TEMP AIREP
1600	1500	SYNOP
		AIREP
1900		SYNOP

## DESCRIPTION OF TRANSMISSIONS

### SYNOP

Selected reports from blocks 61 and 67.

### SHIP

All available ship reports.

### PILOT

Selected reports from blocks 61 and 67.

### TEMP

Selected reports from blocks 61 and 67.

### IAC FLEET

Surface analysis: 0-40S, 20E-80E.

### CLIMAT

Selected reports from blocks 61, 67 and 95.

### CLIMAT/TEMP

Selected reports from blocks 61 and 67.

### RETARD

Selected late miscellaneous reports from  
blocks 61 and 67.

NOTE: CLIMAT and CLIMAT/TEMP are trans-  
mitted on the 5th of each month and  
repeated on the 6th in the 0700 GMT  
broadcast if the 5th is a Sunday.

INFORMATION DATED: ~~August 1963.~~

*APRIL 1960*

352602 TANANARIVE/ANTANETIBE (5ST)

CALL SIGNS, TIMES AND FREQUENCIES

5ST 25 0300, 0100 2164 kcs F1 1 KW  
5ST 28 0030, 0100, 4525 kcs F1 5 KW  
0330, 0400,  
1530, 1600,  
1830, 1900  
5ST 41 0030, 0100, 7552 kcs F1 10 KW  
0330, 0400,  
0700, 1000,  
1300, 1530,  
1600, 1830,  
1900  
5ST 83 0330, 0400, 17400 kcs F1 10 KW  
0700, 1000,  
1300

- NOTES: 1. CLIMAT, CLIMAT/TEMP broadcast on the 5th of each month and repeated on the 6th in the 0700 broadcast if the 5th is a Sunday.  
2. TAFOR are valid for 12, 18 or 24 hours.  
3. Reports are from selected stations in blacks 61 and 67.

INFORMATION DATED: November 1965.

INFORMATION AVAILABLE

SYNOP FM 11.C  
SHIP FM 21.C  
PILOT FM 32.C  
TEMP FM 35.C  
IAC FLEET FM 46.C  
TAFOR FM 51.C  
CLIMAT FM 71  
CLIMAT/TEMP FM 75.C  
RETARDS APPROPRIATE CODE  
AIREP PLAIN LANGUAGE

SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0030	0000	TAFOR
	1800	TAFOR
0100	0000	SYNOP, PILOT, TEMP, SHIP
	1800	SYNOP/RETARD
0330	0600	TAFOR
0400	0300	SYNOP
	0000	TEMP
	1800	SYNOP/RETARD
	1500	SYNOP/RETARD
0700	0600	SYNOP, PILOT, SHIP, AIREP
1000	0900	SYNOP
	0600	IAC FLEET
1300	1200	SYNOP, PILOT, SHIP
		CLIMAT, CLIMAT/TEMP
1530	1800	TAFOR
1600	1500	SYNOP
		AIREP
1830	0000	TAFOR
1900	1800	SYNOP

# **352900 MAURITIUS**

352901 PLAISANCE (ZQN)

## CALL SIGNS, TIMES AND FREQUENCIES

ZQN 2	1430-0400	3188 kcs A1 2KW
ZQN 3	0000-2400	7693 kcs A1 2KW
ZQN 4	0400-1430	15955 kcs A1 2KW

## INFORMATION AVAILABLE

SYNOP	FM 11.C
SHIP	FM 21.C, FM 22.C
SPESH	FM 23.C
SHRED	FM 26.B
PILOT	FM 32.C
TEMP	FM 35.C
IAC FLEET	FM 46.C
CLIMAT	FM 71

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0030	0000	SYNOP, SHIP, SHRED SPESH
0330	0300 0000	SYNOP SHIP, SHRED, SPESH, PILOT, TEMP
0630	0600 0000	SYNOP, SHIP, SHRED, SPESH PILOT
0930	0900 0600	SYNOP SHIP, SHRED, SPESH, IAC FLEET, CLIMAT, CLIMAT/TEMP
1230	1200	SYNOP, SHIP, SHRED, SPESH
1530	1500 1200	SYNOP SHIP, SHRED, SPESH, PILOT
1830	1800	SYNOP, SHIP, SHRED, SPESH

## DESCRIPTION OF TRANSMISSIONS

### SYNOPS

Selected reports from block 61.

### SHIPS

Ship reports south of the equator between 50E and 90E.

### PILOTS

Selected reports from block 61.

### CLIMAT

Selected reports from block 61.

### IAC FLEET

Surface analysis for the area:  
Equator to 40S between 35E and 80E.

- NOTES: 1. CLIMAT and TEMPS are transmitted on the 4th of each month.  
2. SYNOP/RETARD, SHIP/RETARD, AIREP AND POMAR reports are given at the end of the broadcast next following their receipt.

INFORMATION DATED: February 1966.

# 354200 REUNION

354201 SAINT-DENIS (FZR) (FZS) (HXP)

## CALL SIGNS, TIMES AND FREQUENCIES

FZR44 0025,0325,1525 4440 kcs F1 10KW  
HXP 0025,0325,0625,1525 8176 kcs F1 10KW  
FZS3 0625,0925,1225 16335 kcs F1 10KW

## INFORMATION AVAILABLE

SYNOP FM 11.C  
SHIP FM 21.C  
PILOT FM 32.C  
IAC FLEET FM 46.C  
CLIMAT FM 71

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0025	0000	SYNOP PILOT
0325	0300	SYNOP TEMP RADAR TAF
0625	0600	SYNOP PILOT RADAR SHIP TAF
0925	0900	SYNOP RADAR IAC FLEET
1225	1200	SYNOP PILOT RADAR SHIP TAF
	0900 0600	IAC FLEET CLIMAT
1525	1500	SYNOP

- NOTES: 1. Selected reports from block 61.  
2. Broadcasts may be followed by a cyclone warning in clear for the Camores area.  
3. The 1225 IAC FLEET is followed by a forecast in clear for the Camores area.  
4. The 1225 CLIMAT is broadcast on the 4th of each month.

INFORMATION DATED: October 1965.

# 354202 SAINT-DENIS (HXP)

## CALL SIGNS, TIMES AND FREQUENCIES

HXP 0050 4509 kcs A1 50W  
0345-2000 8176 kcs A1 400W

## INFORMATION AVAILABLE

SYNOP FM 11.C  
SHIP FM 21.C  
PILOT FM 32.C  
IAC FM 45.C

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0050	0000	SYNOP
	2300	PILOT
0345	0300	SYNOP
0645	0600	SYNOP, SHIP
	0500	PILOT
0945	0900	SYNOP
1115	0600	IAC
1245	1200	SYNOP, SHIP
	1100	PILOT
1545	1500	SYNOP

INFORMATION DATED: January 1966.



### 354200 REUNION

354201 SAINT-DENIS (FZR) (FZS) (HXP)

#### CALL SIGNS, TIMES AND FREQUENCIES

FZR44 0025,0325,1525 4440 kcs F1 10KW  
HXP 0025,0325,0625 8176 kcs F1 10KW  
FZS3 0925,0625,1225,1525 16335 kcs F1 10KW

#### INFORMATION AVAILABLE

SYNOP FM 11.C  
SHIP FM 21.C  
PILOT FM 32.C  
IAC FLEET FM 46.C  
CLIMAT FM 71

#### SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0025	0000	SYNOP PILOT
0325	0300	SYNOP PILOT RADAR
0625	0600	SYNOP PILOT RADAR SHIP
0925	0900	PILOT RADAR SYNOP
1225	1200	SYNOP PILOT RADAR SHIP IAC FLEET CLIMAT
1525	1500	SYNOP

- NOTES: 1. Selected reports from block 61.  
2. Broadcasts may be followed by a cyclone warning in clear for the Camores area.  
3. The 1225 IAC FLEET is followed by a forecast in clear for the Camores area.  
4. The 1225 CLIMAT is broadcast on the 4th of each month.

INFORMATION DATED: October 1965.

### 354202 SAINT-DENIS (HXP)

#### CALL SIGNS, TIMES AND FREQUENCIES

HXP 0050 4509 kcs A1 50W  
0345-2000 8176 kcs A1 400W

#### INFORMATION AVAILABLE

SYNOP FM 11.C  
SHIP FM 21.C  
PILOT FM 32.C  
IAC FM 46.C

#### SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0050	0000	SYNOP
	2300	PILOT
0345	0300	SYNOP
0645	0600	SYNOP, SHIP
	0500	PILOT
0945	0900	SYNOP
1115	0600	IAC
1245	1200	SYNOP, SHIP
	1100	PILOT
1545	1500	SYNOP

INFORMATION DATED: ~~January 1965.~~

*SEP 1966*

# 354400 SUDAN

354401 KHARTOUM (STK)

## CALL SIGNS, TIMES AND FREQUENCIES

	1600-0400	5175 kcs	A1	1 KW
STK	0000-2400	9990 kcs	A1	2.5 KW
	0000-2400	13812 kcs	A1	2.5 KW

## INFORMATION AVAILABLE

AIREP	Plain language
IAC FLEET	FM 46.C
SYNOP	FM 11.C
SHIP	FM 21.C, FM 22.C
SHRED	FM 23.C
PILOT	FM 32.C
TEMP	FM 35.C
NEPH	FM 31
CLIMAT	FM 71
SFLOC	FM 82.A
RETARD	Appropriate form

## SCHEDULE OF TRANSMISSIONS

Time of Trans	Time of Obs	Contents of Trans
0115	0000	SYNOP, PILOT, SHIP, SHRED, AIREP
	2100	RETARD
0415	0300	SYNOP, AIREP
	0000	RETARD
0715	0600	SYNOP, PILOT, SHIP, SHRED, NEPH, AIREP
	0300	RETARD, CLIMAT <sup>1</sup>
1015	0900	SYNOP, NEPH, SFLOC, AIREP
	0600	RETARD
1030	0600	IAC FLEET (0-25N, 20E-40E)
1315	1200	SYNOP, PILOT, SHIP, SHRED, NEPH, SFLOC, AIREP, TEMP
	0900	RETARD
1615	1500	SYNOP, NEPH, SFLOC, AIREP
	1200	RETARD
1630	1200	See 1030
1915	1800	SYNOP, PILOT, SHIP, SHRED, AIREP
	1500	RETARD
2215	2100	SYNOP, AIREP
	1800	RETARD

## DESCRIPTION OF TRANSMISSIONS

### SFLOC

Selected reports from 0°-25°N, 20°E-40°E.

### SYNOP

Selected reports from block 62.

### SHIP and SHRED

Selected ship reports from the Red Sea from 18°N-23°N.

### PILOT

Selected reports from block 62.

### TEMP

Selected reports from block 62.

### AIREP

Selected miscellaneous aircraft reports.

### CLIMAT

Selected reports from block 62.

### NEPH

Selected reports from block 62.

### RETARD

Selected late miscellaneous reports from block 62.

- NOTES: 1. CLIMAT is transmitted on the 2nd and 3rd of each month.  
2. Non routine reports in the code forms FM 16.C (MMMM/BBBBB), FM 21.C, FM 22.C (SHIP), FM 23.C (SHRED) for ships in the Red Sea between 18N and 23N, FM 31 (NEPH), AIREP for Sudan and adjacent territories and also warnings in plain language (English) are included in the first collective broadcast after receipt.

INFORMATION DATED: ~~March 1965~~

*JULY 1966*