

Palmyra DX-Pedition 1988

THE **DX** FAMILY



WØRLX/KH5



Home Island, Palmyra Atoll 1988





WØRLX/KH5 Palmyra DX-Pedition May 1988

Operators KP2A John JA5DQH Aki K9AJ Mike
WA2MOE Stu F6EXV Paul WØRLX Burt

Confirming our QSO/your report

TO RADIO	MAY '88	UTC	MHz	2-WAY	RST
W6H6BLQ	3	1720	14	SSB CW/RTTY	59(9)
				SSB/CW/RTTY	59 (9)

QSL Manager
Stu Greene WA2MOE
9 Tamarack Drive
Peekskill, NY 10566,
U.S.A.

QSL Manager for Japan
The DX Family Foundation
P.O. Box 12,
Shinjukukita-Ochiai,
Tokyo 161, JAPAN

QSL verified by N2DT

Palmyra Atoll is located at 5 degrees 53 minutes north latitude and 162 degrees 05 minutes west longitude. The atoll consists of a number of small islands in a U shape with the entrance to the lagoon being to the west. It is a beautiful Pacific atoll 360 miles north of the equator and is privately owned. Discovered in 1802 by the American vessel Palmyra the islands were a military base during World War II and a copra plantation after the war. It is a wet tropical spot teeming with hermit crabs and coconut trees and is the nesting place for thousands of seabirds, including sooty terns, fairy terns and boobies.

Home Island is at the southwestern tip of the atoll facing the lagoon to its north and the Pacific Ocean to the south. Access to Home Island by water is limited to high tides, although the operators did carry a considerable amount of equipment by hand at low tide. The airfield on Cooper Island is covered with nesting terns and the wreckage of an aircraft which crashed in 1980 during an earlier Palmyra DX-Pedition lies just to the southeast of the runway.

In 87 hours 15,022 contacts were made including 504 on 160 meters and 58 on rtty.

The operators wish to acknowledge support from The Northern California DX Foundation, Inc., The DX Family Foundation of Japan, The Clipperton DX Club, The International DX Foundation, the European DX Foundation, Yanmar for its loan of two generators which never failed and Citizens Watch Company.

Thanks are due to JA1ACB, KK4LM, HB9RG, TR8CR, W3FS, Long Island DX Association, Northern Illinois DX Association, Mile Hi DX Association, F6CVR, Club DX 24, LA DX Group and REF 33 for significant financial donations.

Thanks also go to N2IC/B, WØZV, WØUN, KDØRW, N2AIR, N6AHV, W8UVZ, W8KKF, W9UCW, W9YYG, K9GX, JR1AIB, JH1HGC, JA7RHJ, JE1JKL, AF2C and T32AN and to W6DU and W6OAI for their assistance and support.

Thanks for hospitality and other support are due KH6CC, KH6OR, KH6BZF, KH6LJ, KH6XX and W6TH/KH6.

Last, but not least to the wives and families of the operators go our thanks for their loving support. We always knew they were concerned about us and we love them.

QSL Cards courtesy of DXFF

AUCKLAND Is. DX-PEDITION 1988



ZL9BQD (ROLY)

ZL9AMO (RON)

ZLØAFZ/9 (WAYNE)

1988 AMATEUR RADIO DX-PEDITION
AUCKLAND ISLANDS

CONFIRMING QSO's WITH W.H.B.L.R.

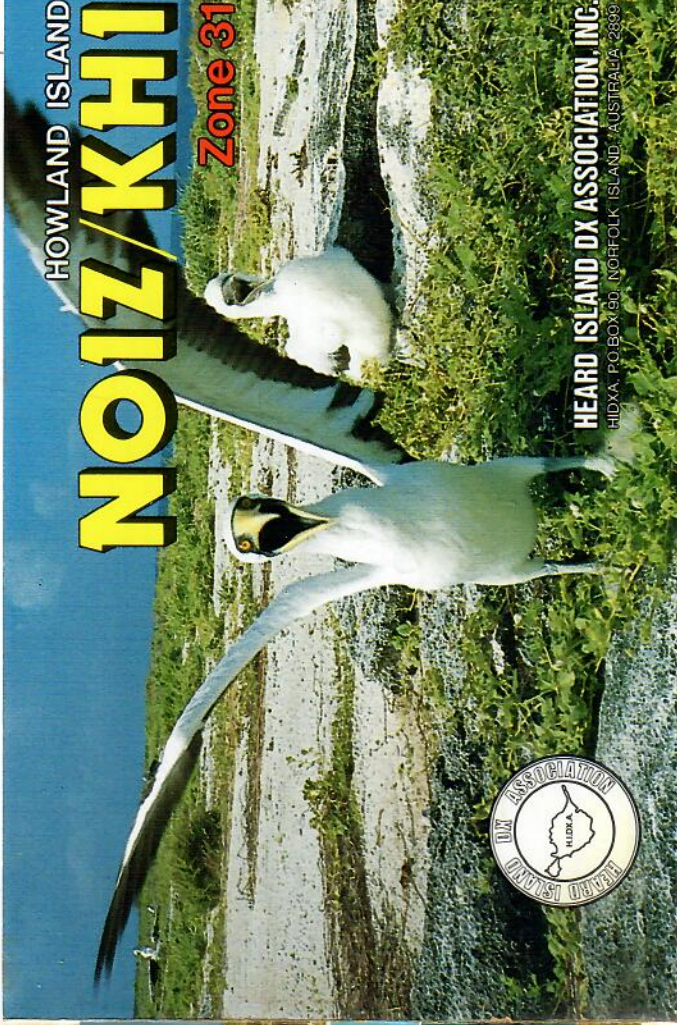
Date	GMT	MHz	RST	2 WAY
FEB 7	0914	7	59	SSB/CW
FEB				SSB/CW
FEB				SSB/CW



VERIFIED BY

SPECIAL THANKS TO: ICOM INCORPORATED FOR IC-735 TRANSCEIVERS, JA1BK FOR BEAMS, JA1ACB FOR TONO RTTY EQUIPMENT, INDEXA, NCDXF, ZL4BO AND GANG, K4TKM, YASME, JA1EMK GROUP, JA2VPO GROUP, EDXC, SDXRA, AND MANY OTHER AMATEURS AND CLUBS IN USA AND JAPAN WHOSE CONTRIBUTIONS MADE THIS DX-PEDITION POSSIBLE. SPECIAL ACKNOWLEDGEMENT ALSO TO NEW ZEALAND DEPARTMENT OF CONSERVATION AND THE SCIENTIFIC GROUP: GRAHAM TAYLOR, SUE POCKETT, GREG LIND, JOCK CRAIGIE. SPECIAL THANKS TO CAPTAIN IAN LEASK AND HIS CREW ON "SAVANNAH."

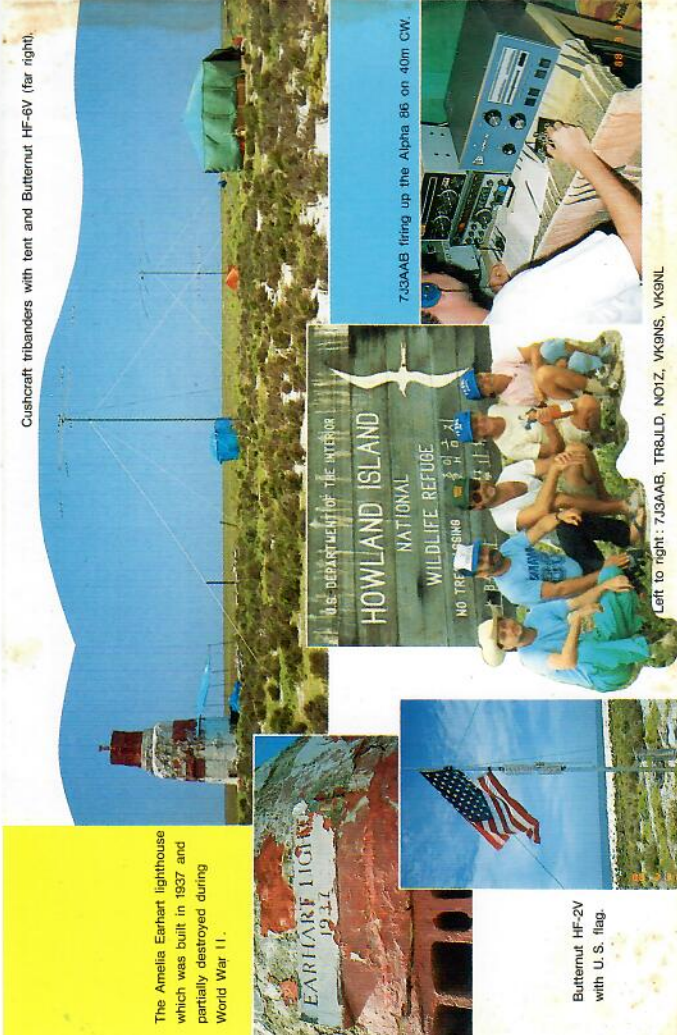
ICOM



HOWLAND ISLAND
NO1Z/KH1
 Zone 31



HEARD ISLAND DX ASSOCIATION, INC.
 HIDXA PO BOX 99 NORFOLK ISLAND AUSTRALIA 2899



Cushman tribanders with tent and Butternut HF-2V (far right).

7J3AAB firing up the Alpha 96 on 40m CW.

Left to right: 7J3AAB, TR8LD, NO1Z, VK9NS, VK9NL

The Amelia Earhart lighthouse which was built in 1937 and partially destroyed during World War II.



Butternut HF-2V with U.S. flag.

An Amateur Radio and Scientific Expedition to Baker and Howland Islands

In late March and early April 1988 this joint expedition was undertaken by H.I.DX.A., Inc. and the U.S. Fish and Wildlife Service, Hawaii - who have jurisdiction over the islands as part of the National Wildlife Refuge. The vessel Nei Momi was chartered by H.I.DX.A., Inc. for 13 days and just over 6 days were spent on the island. Howland Island was chosen to give the group a better chance of getting ashore safely. (Doug Forsell and Dick Bauer of U.S. Fish and Wildlife also visited Baker Island and required three attempts to get ashore). Howland Island is located 0 48 N and 176 38 W and is uninhabited. The island is well known for its association with the famed American aviatrix Amelia Earhart.

Sincere thanks is due to: Doug Forsell whose previous experience was invaluable to this joint expedition; the skipper and crew of the Nei Momi (Wiss Marble) for their sheer hard work and effort in making the venture a success; the people of Tarawa and their friendly and cheerful help. Acknowledgement is also due to the members of H.I.DX.A. Club for their considerable financial support.

TO RADIO	WH6BLQ										CONFIRMING	OUR QSO
DATE	GMT	1.8	3.5	3.8	7	14	21	28	50	2	WAY	REPORT
21/16 1988	0126					✓					SSB/CW/RTTY	SS
											SSB/CW/RTTY	

73..... Jim NO1Z/KH1 QSL Manager: VK9NS

QSL Cards courtesy of 7J3AAB & JA3ATF

Funding H.I.DX.A., Inc. gratefully acknowledges funding assistance from the following amateur radio DX organizations and specific individuals: Northern California DX Foundation, CQ ham radio (Japan), LA DX Group, Eu DX Foundation, Long Island DX Association, Danish DX Group, Chiltern DX Group, Mile HI DX Association, JAIACB, KV4AM, VK5WO, W8MEP. In addition, many other amateurs donated funds to H.I.DX.A. and together helped make the expedition a reality.

QSOs Some 27,500 QSOs were made by 5 operators during the 150 hours of operating. For the record this was the first operation from Howland since 1948, first RTTY, first VL operation (VK9NL/KH1), first 6M and 160M operation.

Equipment Thanks is due to the following with either donated or loaned equipment.

- JAIK Kenwood TS-680S transceivers.
- 7J3AAB Alpha 86, Ten-Tec Corsair II, Baternut HF-6V & HF-2V, Cushcraft A3 triband yagis.
- TR8JLD ICOM IC-731 transceiver and IC 2-KL linear loaned by F2CW.
- NO1Z Kenwood TS-940
- H.I.DX.A. Yamaha diesel generator, shalter, lighting, power distribution, masts, all logistic support, fuel, PL-2100Z linear, 6M amplifier, RTTY equipment, etc. etc.

Expedition Members To the following other operators who shared in the charter costs thanks is also due: Ron Kessler, Jean-Louis Domange and Chris Martin. In addition, the U.S. Fish & Wildlife Service paid two pro-rata shares of the basic charter costs. The balance was paid from funds of H.I.DX.A.

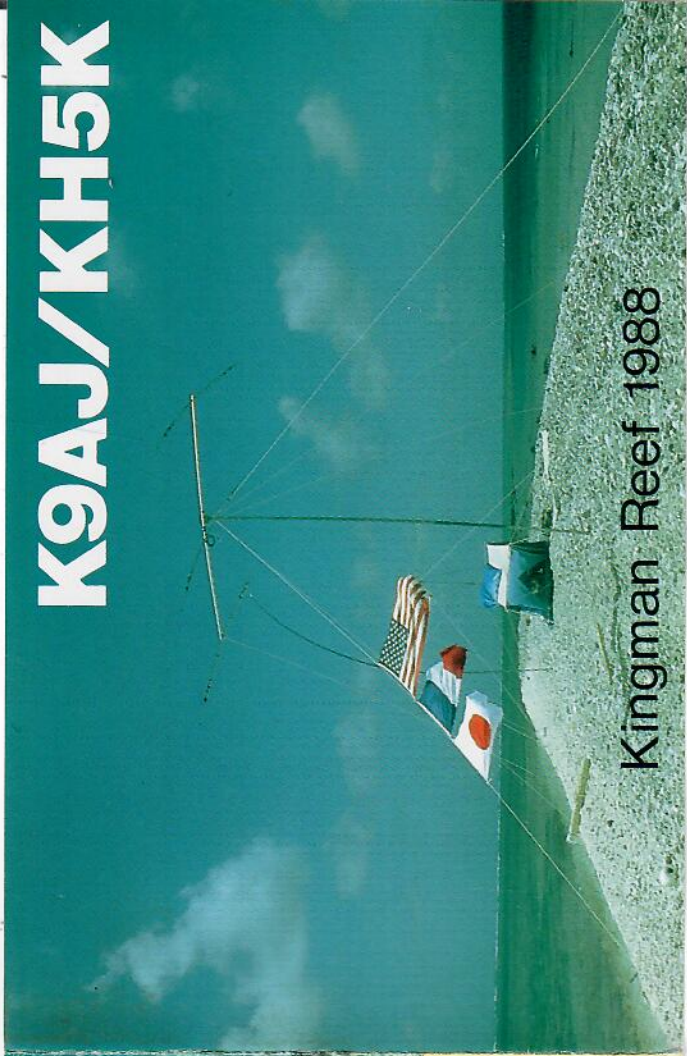
Callsign We must also thank Chris for the use of his brand-new callsign....NO1Z.

H.I.DX.A. This organization was formed to deal with the logistics for a DXpedition to Heard Island in 1982. The present day H.I.DX.A. Club has over 600 DX orientated members in several countries. There is no truth to the rumor that we intend changing the name to the Howland Island DX Association.

Thanks to all concerned. Jim VK9NS, H.I.DX.A.

Kingman Reef DX-Pedition 1988

K9AJ/KH5K



Kingman Reef 1988

A collection of logos for sponsors and organizations. From left to right: a circular logo for 'NORTHERN CALIFORNIA FOUNDATION' with 'DX' in the center; a logo for 'THE DX FAMILY' with 'DX' in large letters and 'FAMILY' below it; a logo for 'CLIPPERTON DX CLUB' with coordinates '10°13'W' and '10°18'N'; a logo for 'INTERNATIONAL DX FOUNDATION' with 'DX' in large letters; a logo for 'EUDXF' with a stylized figure; a logo for 'YANMAR DIESEL GENERATOR' with 'YANMAR' in large letters; and a logo for 'CITIZEN' with 'CITIZEN' in large letters and 'OFFICIAL TIMEKEEPER OF THE OLYMPIC GAMES' below it.



K9AJ/KH5K Kingman Reef DX-Pedition April 1988

Operators KP2A John JA5DQH Aki K9AJ Mike
WA2MOE Stu F6EXV Paul WØRLX Burt

Confirming our QSO/your report

TO RADIO	APR. '88	UTC	MHz	2-WAY	RST
WH6BLQ	27	1830	14	SSB CW/RTTY	(59)(9)
				SSB/CW/RTTY	59 (9)

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Peekskill, NY 10566,
U.S.A.

QSL Manager for Japan
The DX Family Foundation
P.O. Box 12,
Shinjukukita-Ochiai,
Tokyo 161, JAPAN

QSL verified by N2DT

Kingman Reef is located at 6 degrees 24 minutes North Latitude and 162 degrees 22 minutes West Longitude and lies approximately 925 miles south of Honolulu and 400 miles north of Christmas Island, our point of departure. The reef is shaped like a 'vee' and has two legs, one running east-west and the other northwest to southeast. Most of the reef is submerged, but 185 meters of the reef is exposed near the apex of the two legs. The "land" part of the reef is about four meters above the ocean and consists of packed clam shells.

The reef was discovered in 1798 and came under American jurisdiction in 1922. It is controlled by the United States Navy whose permission is required for a landing.

We used three operating tents and six antennas: an all band vertical, an 80/40 vertical, a ten meter vertical, a 160 meter inverted 'L', a three element triband beam and a six meter beam, all guyed to steel rods driven one meter into the shells. The tents were secured by guys tied to one meter rods and were further protected from continuous winds gusting up to 70 kilometers an hour by tarpaulins guyed to steel rods.

Despite unfavorable weather conditions, in 152 hours 19,706 contacts were made including 681 on 160 meters and 65 on rtty.

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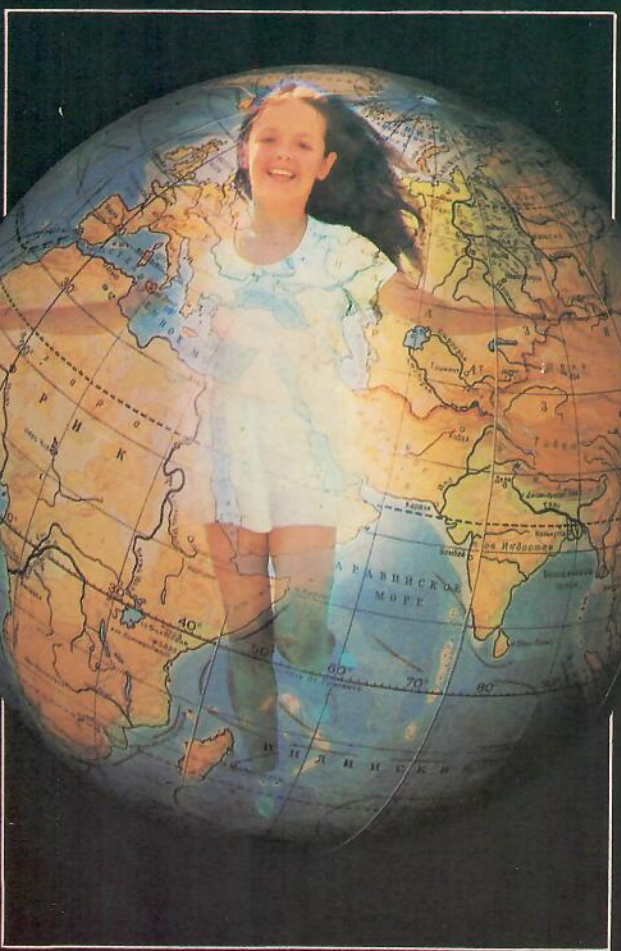
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QSL Cards courtesy of DXFF

КУДОГ 0002 К

TOWARDS THE YEAR 2000 WITHOUT

БЕЗ ЯДЕРНОГО ОРУЖИЯ! ЗА МИР,



РАВЕНСТВО, РАЗВИТИЕ

EQUALITY, DEVELOPMENT

NUCLEAR WEAPONS! FOR PEACE,



ВСЕМИРНЫЙ КОНГРЕСС ЖЕНЩИН
WORLD CONGRESS OF WOMEN

UA3170836

DEAR OM GEORGE

TO	RDO	D	M	Y
WH6BLQ		13	07	1987
UT	MHZ	2-WAY	RST	
06:56	14	SSB	57	

my
RX 9 tubes
ant LW

QTH-MOSKVA - OBL 170

Cfm ur QSO with SMØEBP/5

Фотокомпозиция Е. Герасимова

Good Luck very 73

© «Планета», 1987. 24/8a-7537. A08445. 16 тыс. 3 коп. 959. КИ

ОТПРАВЛЯТЬ ПО ПОЧТЕ ТОЛЬКО В КОНВЕРТЕ

Pse QSL-TNX via P.O. Box 88. Moscow, USSR. op Valentin

WH6BLQ
George H. Balazs
992-A Awaawaanoa Place
Honolulu, Hawaii 96825

WH6BLQ



WH6BLQ
George H. Balazs
992-A Awaawaanoa Place
Honolulu, Hawaii 96825



WH6BLQ
George H. Balazs
992-A Awaawaanoa Place
Honolulu, Hawaii 96825



C-632

Green Turtle — *Chelonia mydas*
Monk Seal — *Monachus schauinslandi*

Hawaiian green turtle and monk seal sleeping on one of the small uninhabited islands at French Frigate Shoals in the Hawaiian Islands National Wildlife Refuge. Both of these native animals have experienced population declines from exploitation, but they are now protected by the U.S. Endangered Species Act and the State of Hawaii.

Photograph by George H. Balazs,
Hawaii Institute of Marine Biology.

Published by Hawaii Audubon Society & Hawaiian Service, Inc.
P.O. Box 2835, Honolulu, HI 96803
Printed in Australia by Colorscans

PostCards
Hawaii



C-630

Green Turtle — *Chelonia mydas*

Green turtles are unique among sea turtles in being mainly herbivorous. They make regular long-distance migrations of as much as a thousand miles or more between their nesting beaches and pastures of sea grasses or algae. For centuries, the species has been heavily exploited for its excellent meat, and many colonies have been destroyed.

La tortuga verde es una especie herbívora, que hace largas migraciones entre sus playas de anidación y sus pastos de plantas marinas. Hace siglos ha sido explotado por su excelente carne, y muchas poblaciones han sido completamente destruidas.

Photograph by George H. Balazs, French Frigate Shoals,
Northwestern Hawaiian Islands.
Text by Archie Carr.

Published by G.H. Balazs & Hawaiian Service, Inc.
P.O. Box 2835, Honolulu, Hawaii 96803
Printed in Australia by Colorscans



KENWOOD
TS-520SE
TRANSCEIVER
150 WATTS

TRIBAND YAGI (10, 15, 20m)
AT 60 feet

JOHNSTON ISLAND

CONFIRMING QSO
WITH:

WH6BLP

TNX for the QSO CHRIS -
I'm HAPPY TO BE YOUR
FIRST JOHNSTON ISLAND
CONTACT. I hope we can
talk again soon on 10 meters.
YOUR DAD LOVES AND MISSES
ALL 3 OF YOU. 73

SSB 28.420 MHz

27 XI 87 0110 UTC

5/2

-PSE QSL-

WH6BLQ/KH3
George H. Balazs
992-A Awaawaanoa Place
Honolulu, Hawaii 96825



Johnston Atoll, 825 miles WSW of Honolulu, Hawaii, is operated by the Defense Nuclear Agency. The US Army Chemical Activity, WESTCOM and USCG are major military units. The Atoll provides outstanding water and fishing recreation.

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P.O. Box 2835, Honolulu, Hawaii 96803

450 Aniversario de la Ciudad de Asunción 1537-1987

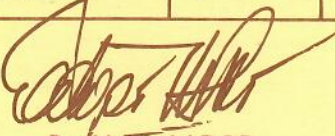
Hago llegar esta felicitación a: WH 6 BLQ,
quien ha contactado satisfactoriamente con la Estación
Oficial del Radio Club Paraguayo durante las
festividades de la fundación de la muy bella y
pintoresca Ciudad de Nuestra Señora de la Asunción.
Con mis sinceros saludos, reciba esta Invitación Especial
para visitar nuestra Ciudad, Capital de la República
del Paraguay.


Intendente de Asunción
Gral. Porfirio Pereira R.D. - ZP5 PI

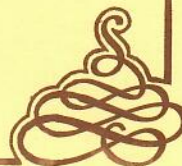
Radio Club Paraguayo ZP 450 A

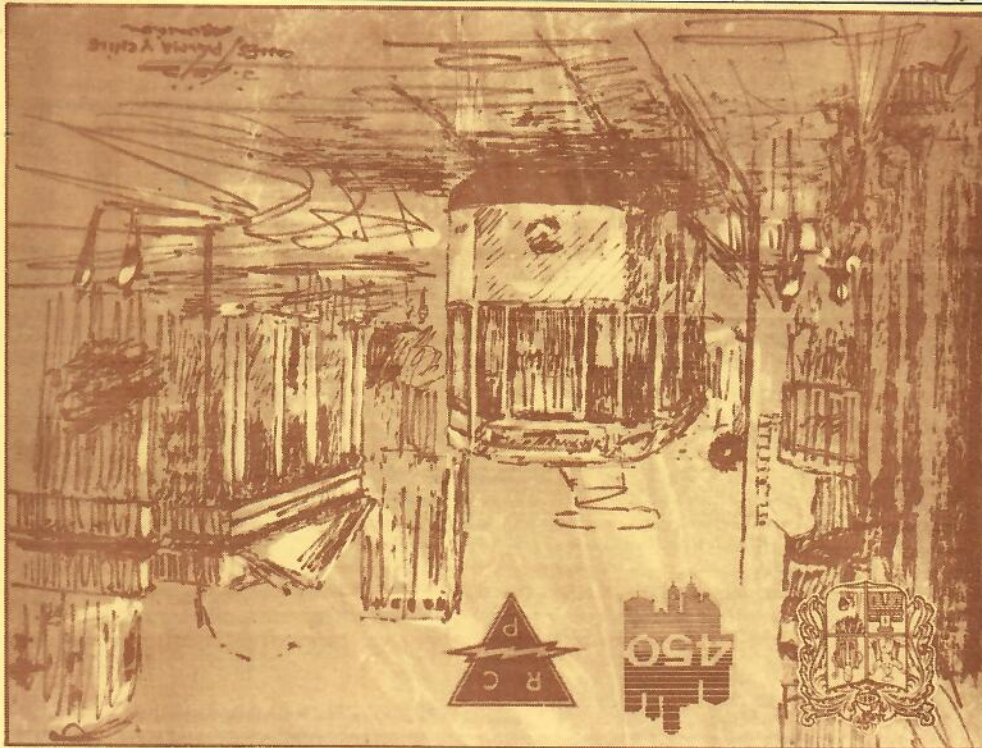
Tiene el placer de confirmar el contacto efectuado
durante la Conmemoración del 450 Aniversario de
la Ciudad de Asunción.

QSO CON	FECHA	GMT	RST	MHZ	2x
WH6BLQ	9 AGO. 87	05:55	5/9	14.	SSB.



Presidente del R.C.P.
Cnel. Edgar Usher - ZP5EU





ASUNCION, MADRE DE CIUDADES

Fundada el 15 de Agosto de 1537 por el expedicionario español, Capitán Juan de Salazar de Espinoza y bautizada con el nombre de "Nuestra Señora de la Asunción", por coincidir con el día de la festividad de la Virgen.

Integraban la expedición del Capitán Juan de Salazar de Espinoza otros ilustres varones, así como distinguidos religiosos, que fueron los primeros descubridores, pacificadores y pobladores de la futura capital del Paraguay.

La ciudad colonial de Asunción, fué conocida también por el título de "Madre de Ciudades" pues de su seno partieron varias expediciones que fundaron: Santa Cruz (Bolivia), Nueva Asunción, Ciudad Real, Villarrica del Espiritu Santo, Concepción del Bermejo y Buenos Aires en su segunda fundación.

Actualmente, el legendario y tranquilo pueblo colonial se ha transformado en una pujante ciudad, moderna y activa, con características muy particulares.

ASUNCION, MOTHER OF CITIES

Founded on August 15, 1537, by the Spanish expeditionary Juan de Salazar de Espinoza, it was named "Nuestra Señora de la Asunción", because the founding took place on the day of the festivity of the Assumption of the Virgin Mary. Captain Juan de Salazar de Espinoza's expeditionary group was formed by several other illustrious gentlemen and prominent clergymen, who became the first discoverers, pacifiers and inhabitants of the future capital of Paraguay.

The colonial city of Asunción was also know by the noble title of "Mother of Cities" as it became the staging point for the expeditions that founded Santa Cruz (Bolivia), Nueva Asunción, Ciudad Real, Villarrica del Espiritu Santo, Concepción del Bermejo and the also the second founding of Buenos Aires.

Today, the legendary and peaceful colonial town has changed into a vigorous, modern and active city of a very unique character.