DR SAR & SARSAT OVERVIEW

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DR AERONAUTICAL SAR MANAGER & SARSAT SPOC
INTRODUCTION

1. DR CIVIL AVIATION AUTHORITY (IDAC)
2. DR ICAO/IMO RELATIONSHIP
3. DR LEGAL SAR FRAMEWORK
4. DR SAR REGION (SRR)
5. DR ADJACENTS SRR’s
6. DR NATIONAL AND INTERNATIONAL SAR AGREEMENTS
7. DR SAR SIMULATION
8. DR SARSAT ALERT MESSAGE
9. DR SARSAT CODE AND POINT OF CONTACT
10. DR SARSAT SUMMARY
11. SARSAT COORDINATION WITH OTHERS COUNTRIES
12. RESPONSABILITIES FOR BEACONS ACTIVATION WITHIN DR SRR
13. SARSAT AND SAR CASES THAT DEMONSTRATE BEST PRACTICES
DR CIVIL AVIATION AUTHORITY (IDAC)

According to the Law 491-06 the Civil Aviation Authority is responsible for providing air navigation services within DR Flight Information Region (FIR).
IDAC ALSO PROVIDES METEOROLOGICAL INFORMATION WITHIN DR AIRSPACE.
DR ICAO/IMO RELATIONSHIP

➢ DR IS ICAO CONTRACTING STATE SINCE DECEMBER 7, 1944

ICAO: INTERNATIONAL CIVIL AVIATION ORGANIZATION
DR ICAO/IMO RELATIONSHIP

DR IS ALSOIMO MEMBER STATE SINCE OCTOBER 24, 1945

IMO: INTERNATIONAL MARITIME ORGANIZATION
1. LAW 491-06 (CIVIL AVIATION AUTHORITY).
2. LAW 873 (DR ARMED FORCES)
3. LAW 147-02 (RISK MANAGEMENT)
4. LAW 257-66 (CIVIL DEFENSE)
5. SYSTEM OF COOPERATION AMONG THE AMERICAN AIR FORCES (SICOFAA)
6. ETC.
DR AERONAUTICAL SAR ORGANIZATION

IDAC – INSTITUTO DOMINICANO DE AVIACIÓN CIVIL
DINA – DIRECCION DE NAVEGACION AEREA
DNA – DEPARTAMENTO DE NAVEGACION AEREA
ATM – AIR TRAFFIC MANAGEMENT
SAR – BÚSQUEDA Y SALVAMENTO
FF.AA – FUERZAS ARMADAS
D.C. – DEFENSA CIVIL

C.B. – CUERPOS DE BOMBEROS
CRD – CRUZ ROJA DOMINICANA
ONAMET – OFICINA NACIONAL DE METEOROLOGIA
E.N. – EJERCITO NACIONAL
M de G – MARINA DE GUERRA
F.A.D. – FUERZA AEREA DOMINICANA
P.N. – POLICIA NACIONAL

Legend

IDAC

DINA

DNA

ATM

RCC SANTO DOMINGO

P.N

FF.AA

E.N

M de G

FAD.

C.B

CRD

DC

ONAMET
DR SAR REGION (SRR)
DR ADJACENTS SRR´s

RCC MIAMI

HAITI SPOC DESIGNATED BY THE UN

USCG SECTOR SAN JUAN

JRCC CURAZAO
The DR Search and Rescue Region (SRR) has the same boundaries that our Flight Information Region (FIR).
DR SRR/FIR

BOTH BOUNDARIES (SRR/FIR) ARE RECOGNISED BY ICAO AS WELL AS IMO.
DR NATIONAL AND INTERNATIONAL SAR AGREEMENTS
1. - NATIONAL AGREEMENTS

a) DR MAIN MARITIME CLUB

SIGNED AUGUST 4, 2005
2- INTERNATIONAL SAR AGREEMENTS

a) USA-DR SAR AGREEMENT

SIGNED IN 1992, AMENDMENT IN 2003
2- DR INTERNATIONAL SAR AGREEMENTS

b) NETHERLANDS ANTILLES & ARUBA.

SIGNED IN JUNE 14, 2007
THE U.S. COAST GUARD SECTOR SAN JUAN IS OUR PRIMARY INTERNATIONAL SPOC

USCGC CORAGEOUS (WMEC 622)
USCG SECTOR SAN JUAN COOPERATION DURING TROPICAL STORM OLGA
U.S. ARMY COOPERATION DURING TROPICAL STORM NOEL
CIVIL DEFENSE SAR UNIT
DR SAR SIMULATION

- EVERY YEAR A SAR SIMULATION IS CONDUCTED BY THE DOMINICAN AIR FORCE
DR SARSAT ALERT MESSAGE

SINCE OCTOBER 22, 2007 THE DOMINICAN REPUBLIC STARTED RECEIVING SARSAT INFORMATION DIRECTLY FROM USMCC LOCATED IN SUITLAND, MARYLAND, USA.
GOES 8

DR SARSAT CODE AND POINT OF CONTACT

DR AFTN ADDRESS:
MDSDYCYX

USMCC/NOAA

Washington DC

DR SARSAT CODE No. 327
DR SARSAT SUMMARY

UP TO 2,400 MESSAGES RECEIVED SINCE OCTOBER 22, 2007

99% FALSES ALARM

75% EPIRB
20% ELT
5% PLB
DR SARSAT COORDINATION WITH OTHERS COUNTRIES.

- DR COORDINATES SARSAT INFORMATION WITH THE U.S. COAST GUARD SECTOR SAN JUAN.
- DR ALSO RECEIVES SARSAT INFORMATION BELONGING TO HAITI SRR AND PASS IT ALONG TO HAITI SPOC DESIGNATED BY THE UNO.
RESPONSABILITIES FOR BEACONS ACTIVATIONS WITHIN DR SRR

• DR AIR OPERATIONS DIRECTOR (A-3) IS RESPONSIBLE FOR INLAND BEACONS ACTIVATIONS.

• THE NAVAL OPERATIONS DIRECTOR (M-3) IS RESPONSIBLE FOR MARITIME BEACONS ACTIVATIONS.

• DR CIVIL DEFENSE IS RESPONSIBLE FOR PLB ACTIVATIONS.
DR SARSAT CONFERENCE, FEBRUARY 19-20, 2008

• THIS CONFERENCE WAS SPONSORED BY IDAC-NOAA

• SPEAKERS FROM NOAA-USCG:
  1. SAM BAKER
  2. LT. JEFF SHOUP
  3. FRANCISCO CAMACHO
  4. OS3 HENDRICK VEGA
AUTOMATED MESSAGE HANDLING SYSTEM (AMHS)
DR REGULATION FOR THE MANDATORY USE OF BEACONS ON 406 MHZ

TO BE IMPLEMENTED IN JANUARY 25, 2009
DR SAR AND SARSAT CASES THAT DEMONSTRATE BEST PRACTICES

2007 / 2008

IDAC
AERONAUTICAL AND MARITIME SAR CASE

YV-2327  TYPE: BE90

DATE: DECEMBER 27, 2007
POB: 7
DEPARTURE: CARACAS, VENEZUELA
DESTINATION: MDLR, DOMINICAN REPUBLIC
EMERGENCY: 52 KMS SOUTH LA ROMANA, TWO ENGINES DOWN
TIME: 16:20UTC
RESCUED: 6 PEOPLE ALIVE 1 MISSING
ACTIONS TAKEN

**16:21UTC:**
AERONAUTICAL RCC ESTABLISHED COORDINATION BETWEEN DR NAVY AND U.S. COAST GUARD SECTOR SAN JUAN

**16:40UTC:**
A SUCCESSFUL JOINT SAR OPERATION BETWEEN DR NAVY AND U.S. COAST GUARD SECTOR SAN JUAN, RESCUING 6 PEOPLE ALIVE
JOINT SAR OPS. BETWEEN THE DR NAVY AND THE USCG SECTOR SAN JUAN

CRASH AREA

VENEZUELAN REGISTRATION AIRCRAFT ACCIDENT ZONE
DATE: JANUARY 11, 2008
POB: 2, A FRENCH COUPLE
DEPARTURE: COLOMBIA
DESTINATION: BARAHONA, DOMINICAN REPUBLIC
EMERGENCY: 42 KMS SOUTH BARAHONA
TIME: 18:35UTC
RESCUED: 2 PEOPLE ALIVE
A FRENCH COUPLE COMING FROM COLOMBIA TO BARAHONA, DR, AFTER ENTERING DR SRR, THEY GOT LOST SO THEY DECIDED TO ACTIVATE MANUALLY THE BOAT BEACON (EPIRB) IN ORDER TO BE RESCUED BY THE DR NAVY.

THE USMCC SENT A SARSAT ALERT MESSAGE TO ARCC INDICATING THEIR POSITION.
ACTIONS TAKEN

18:40UTC: AERONAUTICAL RCC, ESTABLISHED COORDINATION WITH THE DR NAVY (M-3).

19:10UTC: DR NAVY (M-3) RESCUED THE COUPLE.
NAME: MINGUS
TYPE: CATAMARAN
ACTIVITY: PLEASURE
DATE: OCTOBER 10, 2008
POB: 12 DOMINICAN PEOPLE

DEPARTURE: LA ROMANA
DESTINATION: ISLA CASTALINA, DOMINICAN REPUBLIC
EMERGENCY: 5 KMS SOUTH LA ROMANA
TIME: 13:45UTC
RESCUED: 12 PEOPLE ALIVE
ACTIONS TAKEN

13:45UTC: AERONAUTICAL RCC, ESTABLISHED COORDINATION WITH THE DR NAVY (M-3), THE DOMINICAN AIR FORCE AND SANTO DOMINGO NAUTICAL CLUB

13:57UTC: DR NAVY (M-3) RESCUED THE 12 PEOPLE ON BOARD
THANKS