



ICAO

International Civil Aviation Organization
North American, Central American and Caribbean Office

**First NAM/CAR Air Navigation Implementation
Working Group (ANI/WG)
Search and Rescue (SAR) Implementation
Task Force Meeting
(ANI/WG/SAR/TF/1)**

Final Report

Mexico City, Mexico, 17 to 19 September 2019

The designations employed and the presentation of material in this publication do not imply the expression of any opinion whatsoever on the part of ICAO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries.

List of Contents

Contents	Page
Index	i-1
Historical	ii-1
ii.1 Place and Date of the Meeting.....	ii-1
ii.2 Opening Ceremony.....	ii-1
ii.3 Officers of the Meeting	ii-1
ii.4 Working Languages	ii-1
ii.5 Schedule and Working Arrangements.....	ii-1
ii.6 Agenda	ii-2
ii.7 Attendance	ii-3
ii.8 List of Conclusions and Decisions.....	ii-3
ii.9 List of Working and Information Papers and Presentations	ii-3
List of Participants	iii-1
Contact Information	iv-1
Agenda Item 1	1-1
<i>Adoption of the Provisional Agenda and Schedule</i>	
Agenda Item 2	2-1
<i>Terms of Reference of the ANI/WG Search and Rescue (SAR) Implementation Task Force</i>	
2.1 <i>Approval of Terms of Reference</i>	
2.2 <i>Election of the Rapporteur</i>	
Agenda Item 3	3-1
<i>Regional Performance Objective Improve Search and Rescue (SAR) Services of the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (RPBANIP) and the CAR Regional SAR plan</i>	
3.1 <i>Review the Regional Performance Objective Improve Search and Rescue Services</i>	
3.2 <i>Review the CAR Regional SAR Plan</i>	
3.3 <i>Follow-up on Regional SAR Valid Conclusions/Decisions and Deficiencies</i>	
3.4 <i>SAR compliance from Universal Safety Oversight Audit Programme (USOAP) information</i>	
Agenda Item 4	4-1
<i>ANI/WG Search and Rescue (SAR) Implementation Task Force Work Programme and Activities</i>	
4.1 <i>Global and Regional Search and Rescue (SAR) Matters</i>	

Contents	Page
4.2 <i>Follow-up to recommendations of 2018 NAM/CAR Search and Rescue (SAR) Implementation and Civil-military Coordination Meeting</i>	
4.3 <i>SAR Agreements</i>	
4.4 <i>Civil Military Coordination</i>	
4.5 <i>SAR Coordination and Emergency Response for Natural Disasters</i>	
4.6 <i>Approval of the SAR Implementation Task Force Work Programme and Activities</i>	
Agenda Item 5	5-1
Other Business	

HISTORICAL

ii.1 Place and Date of the Meeting

The First NAM/CAR Air Navigation Implementation Working Group (ANI/WG) Search and Rescue (SAR) Implementation Task Force Meeting (ANI/WG/SAR/TF/1) was held at the ICAO NACC Regional Office in Mexico City, Mexico, from 17 to 19 September 2019.

ii.2 Opening Ceremony

Mr. Julio Siu, Deputy Regional Director of the North American, Central American and Caribbean (NACC) Regional Office of the International Civil Aviation Organization (ICAO), highlighted the importance of the Search and Rescue implementation to improve the levels of safety in the NAM/CAR Regions and the needed active involvement of all the stakeholders, such as authorities, air navigation service providers, industry and users.

Mr. Melvin Cintron, Regional Director of the ICAO NACC Regional Office, provided opening remarks, welcomed the participants to Mexico City, Mexico and officially opened the meeting.

ii.3 Officers of the Meeting

The ANI/WG/SAR/TF/1 Meeting was chaired by Mr. Calvin Zúniga Coello, from Central American Corporation for Air Navigation Services (COCESNA). Mr. Eddian Méndez, ATM/SAR Regional Officer of the ICAO NACC Regional Office served as Secretary of the Meeting.

ii.4 Working Languages

The working languages of the Meeting were English and Spanish. The working papers, information papers and report of the meeting were available to participants in both languages.

ii.5 Schedule and Working Arrangements

It was agreed that the working hours for the sessions of the meeting would be from 09:00 to 15:30 hours daily with adequate breaks. The Meeting formed Ad hoc groups to carry out additional work on specific agenda items.

ii.6 Agenda

Agenda Item 1: Adoption of the Provisional Agenda and Schedule

Agenda Item 2: Terms of Reference of the ANI/WG Search and Rescue (SAR) Implementation Task Force

- 2.1 Approval of Terms of Reference
- 2.2 Election of the Rapporteur

Agenda Item 3: Regional Performance Objective Improve Search and Rescue (SAR) Services of the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (RPBANIP) and the CAR Regional SAR plan

- 3.1 Review the Regional Performance Objective *Improve Search and Rescue Services*
- 3.2 Review the CAR Regional SAR Plan
- 3.3 Follow-up on Regional SAR Valid Conclusions/Decisions and Deficiencies
- 3.4 SAR compliance from Universal Safety Oversight Audit Programme (USOAP) information

Agenda Item 4: ANI/WG Search and Rescue (SAR) Implementation Task Force Work Programme and Activities

- 4.1 Global and Regional Search and Rescue (SAR) Matters
- 4.2 Follow-up to recommendations of 2018 NAM/CAR Search and Rescue (SAR) Implementation and Civil-military Coordination Meeting
- 4.3 SAR Agreements
- 4.4 Civil Military Coordination
- 4.5 SAR Coordination and Emergency Response for Natural Disasters
- 4.6 Approval of the SAR Implementation Task Force Work Programme and Activities.

Agenda Item 5: Other Business

ii.7 Attendance

The Meeting was attended by 11 States/Territories from the CAR Region and one International Organization, totalling 18 delegates as indicated in the list of participants.

ii.8 Conclusions and Decisions

The Meeting recorded its activities as Conclusions and Decisions. An executive summary of these draft conclusion and decision is presented in the **Appendix A** to this report.

List of Conclusions and Decisions

Number	Title	Page
1/1	APPROVAL OF THE ANI/WG SAR IMPLEMENTATION TASK FORCE TERMS OF REFERENCE	2-1
1/2	CARIBBEAN REGION SEARCH AND RESCUE (SAR) PLAN UPDATE	3-2
1/3	APPROVAL OF THE SAR IMPLEMENTATION TASK FORCE WORK PROGRAMME	4-4

ii.9 List of Working and Information Papers and Presentations

Refer to the Meeting web page:

<https://www.icao.int/NACC/Pages/meetings-2019-sartf1.aspx>

WORKING PAPERS

Number	Agenda Item	Title	Date	Prepared and Presented by
WP/01	1	Adoption of the Provisional Agenda and Schedule	23/07/19	Secretariat
WP/02	4.2	GADSS Appendix to the CAR Regional Search and Rescue Plan – United States	16/08/19	United States
WP/03	4.2	GADSS Appendix to the CAR Regional Search and Rescue Plan – France	16/08/19	United States
WP/04	4.2	GADSS Appendix to the CAR Regional Search and Rescue – Cospas - Sarsat	16/08/19	United States
WP/05	3.2	Update of Cospas-Sarsat Section in the CAR Regional SAR Plan	16/08/19	United States
NE/06	3.2	Propuesta para la Capacitación de los Especialistas SAR y Formación de los Inspectores de esta Especialidad a Nivel Regional (<i>available only in Spanish</i>)	29/08/19	Cuba
WP/07	2.1	Proposal of the Terms of Reference	30/08/19	Secretariat

WORKING PAPERS

Number	Agenda Item	Title	Date	Prepared and Presented by
WP/08	3.2	Review of the CAR Regional Search and Rescue Plan	02/09/19	Secretariat
WP/09	3.1 & 3.3	SAR Planning and Future Activities	02/09/19	Secretariat
WP/10	3.2	Importance of the CAR Regional SAR Plan	06/09/19	Dominican Republic
NE/11	4.1	Informe Reunión/Centro Coordinador de Búsqueda y Salvamento-RCC, Sub-centros Coordinadores de Búsqueda y Salvamento-RSC y Unidades de Primera Respuesta, Décima Novena Reunión COBUSA (<i>available only in Spanish</i>)	10/09/19	COBUSA

INFORMATION PAPERS

Number	Agenda Item	Title	Date	Prepared and Presented by
IP/01	--	List of Working, Information Papers and Presentations	13/09/19	Secretariat
NI/02	4.3	Acuerdo de Colaboración Interinstitucional entre el Instituto Dominicano de Aviación Civil (IDAC) y el Ejército de República Dominicana (ERD) (<i>available only in Spanish</i>)	29/07/19	Dominican Republic
NI/03	4.3	Acuerdo de Colaboración Interinstitucional entre el Instituto Dominicano de Aviación Civil (IDAC) y la Armada de la República Dominicana (ARD) (<i>available only in Spanish</i>)	29/07/19	Dominican Republic
NI/04	4.3	Acuerdo de Colaboración Interinstitucional entre el Instituto Dominicano de Aviación Civil (IDAC) y la Fuerza Aérea de la República Dominicana (FARD) (<i>available only in Spanish</i>)	29/07/19	Dominican Republic
NI/05	4.4	Elaboración Base de Datos SAR en la XIII Conferencia de Ministros de Defensa de América (CMDA) (<i>available only in Spanish</i>)	02/09/19	Dominican Republic
IP/06	4.1	Search and Rescue Services in Trinidad and Tobago	17/09/19	Trinidad and Tobago

PRESENTATIONS			
Number	Agenda Item	Title	Presented by
1	4.1	Autonomous Distress Tracking (ADT)	United States
2	4.1	eXpert SAR Tracking System	COCESNA
3	4.3	Dominican Naval Auxiliary	Dominican Republic
4	4.1	Overview of Search and Rescue Services (SARs) in Trinidad and Tobago and the PIARCO FIR (ANI/WG/SAR/TF/1 - IP06)	Trinidad and Tobago

LIST OF PARTICIPANTS

BELIZE/BELICE

David Jones

CUBA

Rex Miguel Greenidge Bernal

DOMINICAN REPUBLIC/REPÚBLICA DOMINICANA

Ramón Antonio Pirón Bautista
Félix Alejandro Rosa Martínez

EL SALVADOR

Rolando Cruz Hernández

HAITI/HAITÍ

Hantz Celestin

HONDURAS

Jorge Alexis González Zuñiga

JAMAICA

William Phillips
Terence Wilson
Courtney Malcolm

MEXICO/MÉXICO

Anuar Arturo Aude Cano
José Armando Constantino Tercero

NICARAGUA

José Erasmo Flores Briceño

TRINIDAD AND TOBAGO/TRINIDAD Y TABAGO

Ian Raphael Gómez

UNITED STATES/ESTADOS UNIDOS

David Lance Edwards
Catherine Taylor Pravia
Juan Carlos Avila

COCESNA

Calvin P. Zuñiga Coello

ICAO/OACI

Eddian Méndez

CONTACT INFORMATION

LIST OF PARTICIPANTS / LISTA DE PARTICIPANTES

Name / Position Nombre / Puesto	Administration / Organization Administración / Organización	Telephone / E-mail Teléfono / Correo-e
Belize/Belice		
David Jones Head of Security/Compliance Unit	Department of Civil Aviation	Tel. +501 225 2014 E-mail david.jones@civilaviation.gov.bz
Cuba		
Rex Miguel Greenidge Bernal Inspector Aeronáutico (Especialista SAR del IACC)	Instituto de Aeronáutica Civil de Cuba (IACC)	Tel. +535 474 1025 E-mail rex.bernal@iacc.avianet.cu
El Salvador		
Rolando Cruz Hernández Inspector de Servicios de Navegación Aérea	Autoridad de Aviación Civil	Tel. +503 2565 4504 E-mail rhernandez@aac.gob.sv
Haiti/Haití		
Hantz Celestin Senior Air Traffic Controller Search and Rescue Director	Office National de l'Aviation Civile (OFNAC)	Tel. +1509 3170 4848 +1509 4895 3355 E-mail hantz.celestin@ofnac.gouv.ht; sar.haiti@ofnac.gouv.ht
Honduras		
Jorge Alexis González Zuniga Coordinador SAR Honduras	Fuerza Aérea Hondureña	Tel. +504 9441 4946 E-mail jorgegonzalezhn@gmail.com
Jamaica		
Courtney Malcolm Unit Manager	Jamaica Civil Aviation Authority (JCAA)	Tel. +1876 960 4640 E-mail courtney.malcolm@jcaa.gov.jm
Terence Wilson Air Traffic Controller	JCAA	Tel. +1876 837 6207 E-mail terence.wilson@jcaa.gov.jm
William Phillips Air Traffic Controller	JCAA	Tel. +1876 960 3965 E-mail William.Phillips@jcaa.gov.jm
Mexico/México		
José Armando Constantino Tercero Director de Análisis de Accidentes e Incidentes Aéreos	Dirección General de Aviación Civil	Tel. +5255 5723 9300 ext18548 E-mail jconstan@sct.gob.mx

Name / Position Nombre / Puesto	Administration / Organization Administración / Organización	Telephone / E-mail Teléfono / Correo-e
Anuar Arturo Aude Cano Mayor Piloto Aviador	Secretaría de la Defensa Nacional	Tel. +5255 2629 8280 E-mail ssops.siva@sedena.gob.mx
Nicaragua		
José Erasmo Flores Briceño Inspector SAR	Instituto Nicaragüense De Aeronautica Civil (INAC)	Tel. +505 2276 8580 Ext 1583 E-mail inspsar@inac.gob.ni
Dominican Republic/República Dominicana		
Felix Alejandro Rosa Martinez ATM Manager	Instituto Dominicano de Aviación Civil (IDAC)	Tel. +1809 274 4322 ext2139 E-mail felix.rosa@idac.gov.do
Ramón Antonio Pirón Bautista Encargado División de Coordinación SAR, Relator SAR C/CAR, enlace IDAC/COE	IDAC	Tel. +1809 549 0137 ext230 E-mail rpiron@idac.gov.do; pironb@gmail.com
Trinidad and Tobago/Trinidad y Tabago		
Ian Raphael Gómez Unit Chief - ANS Safety	Trinidad and Tobago Civil Aviation Authority	Tel. +1868 668 8222 ext530 +1878 788 8284 E-mail igomez@caa.gov.tt
United States/Estados Unidos		
David Lance Edwards International Search and Rescue Expert	United States Coast Guard (USCG)	Tel. +1 202 372 2087 E-mail David.L.Edwards@uscg.mil
Catherine Taylor Pravia SAR Controller	USCG	Tel. +787 560 5619 E-mail catherine.d.taylor-Pravia@uscg.mil
Juan Carlos Avila SAR Policy Analyst	USCG	Tel. +1202 372 2078 E-mail juancarlos.avila@uscg.mil
COCESNA		
Calvin P. ZuNiga Coello Coordinador Encargado de Unidad de coordinación de Salvamento RCCC/SPOC	Corporación Centroamericana de Servicios de Navegación Aérea (COCESNA)	Tel. +504 2283 4750 ext1532 +504 9914 1320 E-mail calvin.zuniga@cocesna.org; calvinzuniga@hotmail.com
ICAO/OACI		
Eddian Méndez Regional Officer, Air Traffic Management and Search and Rescue/Especialista Regional de Gestión del Tránsito Aéreo y Búsqueda y Salvamento	North American, Central American and Caribbean Office / Oficina para Norteamérica, Centroamérica y Caribe (NACC)	Tel. +5255 5250 3211 E-mail emendez@icao.int

Agenda Item 1 Adoption of the Provisional Agenda and Schedule

1.1 The Meeting elected Mr. Calvin Zúniga Coello, Rescue Coordination Centre/Search and Rescue (SAR) Point of Contact (SPOC) (RCC/SPOC), Coordinator from COCESNA, as the Chairperson.

1.2 The Secretariat presented WP/01 and invited the Meeting to approve the Provisional Agenda and Schedule. The Meeting approved the Agenda and Schedule as presented.

Agenda Item 2 Terms of Reference of the ANI/WG Search and Rescue (SAR) Implementation Task Force

2.1 Approval of Terms of Reference

2.1.1 The Secretariat presented WP/07 with a proposal of the SAR Task Force Terms of Reference, for acceptance. The establishment of the ANI/WG SAR Implementation Task Force is primarily aimed at supporting the achievement of the implementation of the SAR related Regional Performance Objective, included in the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP). Through the ANI/WG SAR Implementation Task Force Work Programme and Activities, the Region will obtain the required guidance and collaboration to support compliance with the ICAO Annex 12 – *Search and Rescue* Standards and Recommended Practices (SARPs), the Caribbean Regional Search and Rescue (SAR) Plan and a harmonized platform for support and collaboration.

2.1.2 The Meeting agreed that the SAR Task Force would be comprised of 12 representatives from States, Territories and International Organizations members of the ANI/WG. In this sense, the following conclusion was agreed:

CONCLUSION	
ANI/WG/SAR/TF/1/01	APPROVAL OF THE ANI/WG SAR IMPLEMENTATION TASK FORCE TERMS OF REFERENCE
<p>That, in order to allow the proper functioning of the ANI/WG SAR Implementation Task Force,</p> <p>a) the ANI/WG approve the terms of reference, shown in Appendix B to this report;</p> <p>b) each State and Territory from the NAM/CAR Regions to appoint Points of Contact for the ANI/WG SAR Implementation Task Force, in order to keep updated the ANI/WG with the ANI/WG SAR initiatives and activities of the NAM and CAR Regions, by 31 December 2019.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input checked="" type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Operational/Technical</p>
<p>Why:</p> <p style="padding-left: 20px;">Establishment of the ANI/WG SAR Implementation Task Force activities</p>	
<p>When: 31 December 2019</p>	<p>Status: <input checked="" type="checkbox"/> Valid / <input type="checkbox"/> Superseded / <input type="checkbox"/> Completed</p>
<p>Who: <input checked="" type="checkbox"/> States <input type="checkbox"/> ICAO <input checked="" type="checkbox"/> Other:</p>	<p>ANI/WG</p>

2.2 Election of the Rapporteur

2.2.1 The Meeting elected Mr. Calvin Zúniga Coello, SAR RCC/SPOC Coordinator from COCESNA, as the Task Force Rapporteur.

Agenda Item 3 Regional Performance Objective Improve Search and Rescue (SAR) Services of the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (RPBANIP) and the CAR Regional SAR plan

3.1 Review the Regional Performance Objective *Improve Search and Rescue Services*

3.1.1 Under this Agenda Item the Secretariat presented WP/09 to review the Regional Performance Objective Improve Search and Rescue (SAR) Services of the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (RPBANIP) and pending SAR related activities with a proposal to incorporate derived actions to the ANI/WG SAR Task Force Work Programme. The Meeting reviewed this Working Paper and developed the first Work Programme of activities for the ANI/WG SAR Implementation Task Force.

3.2 Review the CAR Regional SAR Plan

3.2.1 United States presented WP/05 which includes the current status report of the Space System for Search of Vessels in Distress (COSPAS) - Search and Rescue Satellite-Aided Tracking (SARSAT) Programme and outline content which may be appropriate for updating the Caribbean Regional Search and Rescue Plan. The Meeting agreed with the proposal made by United States and decided to assign this task to the ANI/WG SAR Implementation Task Force, in order to update the Caribbean Regional Search and Rescue Plan accordingly.

3.2.2 Cuba presented WP/06 with a proposal to develop a SAR Regional training programme to be included in the Caribbean Regional Search and Rescue Plan. The Meeting agreed with the proposal presented by Cuba, and decided to include these actions in the ANI/WG SAR Implementation Task Force Work Programme

3.2.3 In this sense, the Meeting agreed the following decision:

DECISION	
ANI/WG/SAR/TF/1/02	CARIBBEAN REGION SEARCH AND RESCUE (SAR) PLAN UPDATE
What: That, considering the decisions derived from the Sessions of the ICAO Assembly 40 th , and required updates from initial review, the NAM/CAR ANI/WG SAR Implementation Task Force, a) conducts a thorough review of the Caribbean Region Search and Rescue (SAR) Plan; and b) present the results to the Second NAM/CAR Air Navigation Implementation Working Group (ANI/WG) Search and Rescue (SAR) Implementation Task Force Meeting (ANI/WG/SAR/TF/2).	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Operational/Technical
Why: To update the guidelines for CAR regional SAR implementation	
When: ANI/WG SAR/TF/2 Meeting	Status: <input checked="" type="checkbox"/> Valid / <input type="checkbox"/> Superseded / <input type="checkbox"/> Completed
Who: <input type="checkbox"/> States <input type="checkbox"/> ICAO <input checked="" type="checkbox"/> Other:	ANI/WG SAR Implementation Task Force

3.3 Follow-up on Regional SAR Valid Conclusions/Decisions and Deficiencies

3.3.1 Under this Agenda Item no papers were presented.

3.4 SAR compliance from Universal Safety Oversight Audit Programme (USOAP) information

3.4.1 Under this Agenda Item no papers were presented.

Agenda Item 4 Regional Performance Objective Improve Search and Rescue (SAR) Services of the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (RPBANIP) and the CAR Regional SAR plan

4.1 Global and Regional Search and Rescue (SAR) Matters

4.1.1 Under this Agenda Item, the Central American Committee of Search and Rescue (COBUSA) presented WP/11 with a review and analysis of the Central American SAR Plan. During the Nineteenth Meeting of COBUSA, held in El Salvador, from 20 to 22 August 2019, the Secretariat of the Committee emphasized the need to review and analyse the “Caribbean Regional SAR Plan”, which was sent by the ICAO NACC Regional Office, for acceptance. COBUSA made a very accurate analysis of the current situation of the provision of SAR services in Central America, with specific actions to improve these services in accordance with ICAO requirements.

4.1.2 Trinidad and Tobago presented IP/06, and accompanying P/04, to provide an overview of Search and Rescue services (SARs) in Trinidad and Tobago and within the Piarco Flight Information Region (FIR), for which Trinidad and Tobago has responsibility. The current Eastern Caribbean (E/CAR) Aeronautical Information Publication (AIP) details the SAR services for the States within the Piarco FIR/Control Area (CTA)/Upper Control Area (UTA), provided by the relevant Civil Aviation Administrations in collaboration with the respective Rescue Coordination Centres (RCCs), which make the necessary SAR facilities available. The E/CAR AIP lists one (1) RCC and four (4) Rescue Sub-Centres (RSCs) within the Piarco FIR/CTA/UTA. There is the Piarco Rescue Coordination Centre (RCC), and the Antigua and Barbuda, Barbados, Fort-de-France and Guadeloupe Rescue Sub-Centres.

4.1.3 United States showed P/01 to provide updated information regarding the Autonomous Distress Tracking (ADT), and the initiatives of ICAO to implement the Global Aeronautical Distress and Safety System (GADSS) in order to enhance aviation safety for crew and passengers of commercial aircraft and SAR responders. 2019 edition of the International Aeronautical and Maritime Search and Rescue (IAMSAR) Manual contains general guidance regarding GADSS that applies to certain aircraft, to ensure timely detection of aircraft in a distress condition (timely initiation of SAR and tracking of aircraft in a distress condition) and timely accurate location of end of flight (accurate direction of SAR actions). The ADT function would be used to identify the location of an aircraft in a distress condition with the aim of establishing, to a reasonable extent, the location of an accident site within a 6 NM radius. The accuracy of position information shall, as a minimum, meet the position accuracy requirements established for Emergency Locator Transmitters (ELTs).

4.1.4 With P/02, COCESNA provided information regarding its eXpert-SAR – Tracking System. This system supports the management of emergency messages received by COSPAS-SARSAT, by monitoring ELT, Emergency Position-Indicating Radio Beacon (EPIRB) and Personal Locator Beacon (PLB) alert triggers, and managing the coordination of rescue activities among RCC, RSC and other related entities. Its main objective is to allow all search and rescue coordination carried out in the shortest possible time, to record coordination activities between the parties involved in the messages received and manage pilot reports regarding ELT alerts reported to air traffic controllers. The messages submitted to RCC are assigned to the States by the SAR/TS System. Those messages are immediately received by the States, so that they can reach appropriate coordination. The system submits the messages through Aeronautical Fixed Telecommunication Network (AFTN)/Aeronautical Message Handling System (AMHS).

4.2 Follow-up to recommendations of 2018 NAM/CAR Search and Rescue (SAR) Implementation and Civil-military Coordination Meeting

4.2.1 The United States presented WP/02, WP/03 and WP/04, as a follow-up action to develop basic guidelines to define search and rescue services requirements and interactions to support Global Aeronautical Distress and Safety System (GADSS), which shall be included as an Appendix to the CAR Regional SAR Plan. The three Working Papers provide important information that should be taken into consideration in order to provide regional guidelines for GADSS to be included in the CAR Regional SAR Plan. The Meeting agreed that, based on the decision of the 40th Session of the ICAO Assembly, the ANI/WG SAR Implementation Task Force shall complete a proposed smooth text for consideration to be included in the CAR Regional SAR Plan.

4.3 SAR Agreements

4.3.1 Under this Agenda Item, the Meeting reviewed IP/02, IP/03 and IP/04, presented by Dominican Republic to inform the region regarding the collaboration agreements signed between the Dominican Civil Aviation Institute (IDAC) and the Dominican Republic Army (ERD), the Dominican Republic Navy (ARD) and the Dominican Republic Air Force (FARD), respectively, in order to support search and rescue activities in Dominican Republic.

4.3.2 Dominican Republic presented P/03 to provide information regarding the activities conducted by the Naval Auxiliary of Dominican Republic to support search and rescue operations.

4.4 Civil Military Coordination

4.4.1 Dominican Republic presented IP/05, to provide information regarding the establishment and preparation of the SAR Database of the American continent. The Conference of Defense Ministers of America (CMDA) was created in 1995 as forum to promote international multilateral policies. The CMDA encourages reciprocal support and exchange of ideas, with emphasis on support in case of situations of calamities or emergencies in the Member States. CMDA is the highest-level civil-military coordination body in our continent. During the XIII Conference, held in Mexico City, Mexico, in 2018, an Ad Hoc Group was created to develop cooperation and coordination mechanisms on the topics of Search and Rescue (SAR), preparing a Compendium or SAR Database, presented at the XIV CMDA Conference, held recently in Santo Domingo, Dominican Republic. The Compendium or SAR Database prepared by the CMDA can be found at <https://www.cmda-info.net/compendio-sar>.

4.5 SAR Coordination and Emergency Response for Natural Disasters

4.5.1 Under this Agenda Item no papers were presented.

4.6 Approval of the SAR Implementation Task Force Work Programme and Activities

4.6.1 Taking as a reference the WP/09, presented by the Secretariat, and the additional discussions carried out throughout the meeting, the SAR Implementation Task Force Work Programme was developed, presented as an Appendix to the abovementioned WP.

4.6.2 The Meeting agreed the Task Force shall conduct quarterly teleconference to follow up the agreed actions.

4.6.3 The Second NAM/CAR Air Navigation Implementation Working Group (ANI/WG) Search and Rescue (SAR) Implementation Task Force Meeting (ANI/WG/SAR/TF/2) is scheduled to be held at the ICAO NACC Regional Office, in Mexico City, from 11 to 13 August 2020.

4.6.4 In this sense, the following conclusion was formulated:

CONCLUSION	
ANI/WG/SAR/TF/1/03	APPROVAL OF THE SAR IMPLEMENTATION TASK FORCE WORK PROGRAMME
What: That, taking as a reference the proposal presented in the First Search and Rescue (SAR Task Force Meeting, the ANI/WG approve the SAR implementation Task Force work programme and its related activities.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Operational/Technical
Why: To guide the SAR Task Force Activities	
When: NACC/WG/6	Status: <input checked="" type="checkbox"/> Valid / <input type="checkbox"/> Superseded / <input type="checkbox"/> Completed
Who: <input type="checkbox"/> States <input type="checkbox"/> ICAO <input checked="" type="checkbox"/> Other:	NACC/WG

Agenda Item 5 Other Business

5.1 No other business were discussed.

**APPENDIX A
EXECUTIVE LIST OF CONCLUSIONS AND DECISIONS**

Number	Conclusions/Decisions	Responsible for action	Deadline
1/1	APPROVAL OF THE ANI/WG SAR IMPLEMENTATION TASK FORCE TERMS OF REFERENCE		
	That, in order to allow the proper functioning of the ANI/WG SAR Implementation Task Force,		
	a) the ANI/WG approve the terms of reference, shown in Appendix B to this report;	ANI/WG	31 December 2019
	b) each State and Territory from the NAM/CAR Regions to appoint Points of Contact for the ANI/WG SAR Implementation Task Force, in order to keep updated the ANI/WG with the ANI/WG SAR initiatives and activities of the NAM and CAR Regions, by 31 December 2019 .	NAM/CAR States and Territories	31 December 2019
1/2	CARIBBEAN REGION SEARCH AND RESCUE (SAR) PLAN UPDATE		
	That, considering the decisions derived from the Sessions of the ICAO Assembly 40th, and required updates from initial review, the NAM/CAR ANI/WG SAR Implementation Task Force,		
	a) conducts a thorough review of the Caribbean Region Search and Rescue (SAR) Plan; and	ANI/WG SAR TF	ANI/WG SAR/TF/2 Meeting
b) present the results to the Second NAM/CAR Air Navigation Implementation Working Group (ANI/WG) Search and Rescue (SAR) Implementation Task Force Meeting (ANI/WG/SAR/TF/2).	ANI/WG SAR TF	ANI/WG SAR/TF/2 Meeting	
1/3	APPROVAL OF THE SAR IMPLEMENTATION TASK FORCE WORK PROGRAMME		
	That, taking as a reference the proposal presented in the First Search and Rescue (SAR) Task Force Meeting, the ANI/WG approve the SAR implementation Task Force work programme and its related activities.	ANI/WG	NACC/WG/6

APPENDIX B

ANI/WG SEARCH AND RESCUE (SAR) IMPLEMENTATION TASK FORCE TERMS OF REFERENCE (TORs)

1. Background

1.1 During the Fifth ANI/WG Meeting, a Search and Rescue Implementation Task Force was formed in order to streamline related Search and Rescue Implementation Activities and enhance regional cooperation to comply with Annex 12 SARPs and regionally agreed targets. This Task Force shall promote SAR implementation in accordance with the NAM/CAR Regional Performance-Based Air Navigation Implementation Plan (RPBANIP), as well as update and report progress to the ANI/WG based on the action plan for these tasks.

2. Responsibilities

2.1 The Task Force is responsible to:

- a) develop and implement a Work Programme to ensure the continuous and coherent provision of SAR services in the NAM/CAR Regions, according with the NAM/CAR Regional Performance-based Air Navigation Implementation Plan (RPBANIP) and agreed targets, in a manner that is harmonized with adjacent Search and Rescue Regions (SRR), consistent with ICAO SARPs and the Global Air Navigation Plan;
- b) appoint the Task Force Rapporteur from its members;
- c) facilitate and support the establishment and operation of the SAR System by States, Territories and ANSPs, according to the different requirements and level of maturity; and
- d) review, identify and address deficiencies that impede the implementation or adequate provision of efficient SAR in the NAM/CAR Regions, propose actions to address them to improve SAR operations.

2.2 Responsibilities of the Members

- a) Attend Task Force Meetings and Teleconferences
- b) Collaborate with the development and implementation of the Task Force Work Programme
- c) Comply with the agreed tasks and activities as assigned

2.3 Responsibilities of the Rapporteur

- a) Lead the development and implementation of the Task Force Work Programme and activities
- b) Follow up on the compliance with the RPOs

- c) Report to the ANI/WG the compliance with the Task Force Work Programme and RPOs related tasks

2.4 Responsibilities of the Secretariat

- a) The ICAO NACC ATM/SAR Regional Officer will serve as the Secretary of the Task Force meetings
- b) He/she is responsible to support the Task Force activities, providing guidance and assistance to the connection of the Task Force Work Programme and the RPBANIP
- c) In coordination with the Rapporteur, develop and present to the members the annual programme of activities
- d) In coordination with the Rapporteur, convene the Task Force activities, teleconferences and meetings
- e) Maintain up to date the Task Force documentation, Work Programme and membership and other relevant SAR/TF information in the ICAO NACC ANI/WG website

2.5 Responsibilities of the States

- a) Support the participation of its members, according to the role and responsibilities assigned
- b) Request accountability for the development and implementation of SAR Work Programme in the NAM/CAR Regions

3. Membership

3.1 The SAR Task Force shall be comprised of 12 representatives from States, Territories and International Organizations members of the ANI/WG.

3.1.1 States, Territories, International Organizations and members of the ANI/WG are encouraged to nominate Points of Contact (PoCs) to the SAR Task Force, who will be actively involved with the work of the Task Force.

3.2 States, Territories and International Organizations nominating members to the SAR Task Force shall provide the adequate support and authority in order to make decisions on behalf of the State/ANSP to comply with the requirements of the Task Force.

4. Working Methods

4.1 The Task Force will:

- a) present its Work Programme containing activities in terms of objectives, responsibilities, deliverables and timelines;
- b) the Task Force Rapporteur and the Secretariat will coordinate an annual programme of activities to comply with the requirements of the approved Work Programme;

- c) avoid duplicating work within the ANI/WG and maintain close coordination among the existing entities to optimize use of available resources and experience;
- d) designate, as necessary, Ad Hoc Groups to work on specific topics and activities, and organize clearly defined tasks and activities;
- e) convene annual face to face meetings and quarterly teleconferences to maximize efficiency and reduce costs; and
- f) report on and coordinate the progress of assigned tasks to the ANI/WG.

— END —