International Civil Aviation Organization
Job Description <mark>[Applicable solely to secondment]</mark>

POSITION INFORMATION

Post Title:	Regional Officer, Air Navigation Systems (CNS) Implementation	Duration of Secondment:	Two years initially
Grade Level:	P-3	Deadline for applications:	Until filled
Duty Station:	Bangkok	Date for entry on duty:	After 1 January 2024

Special Notice:
The ICAO Assembly recently reaffirmed its commitment to enhancing gender equality and the advancement of women by supporting UN Sustainable Development Goal 5 **"Achieve gender equality and empower all women and girls."**

THE ORGANIZATIONAL SETTING

The Regional Office is primarily responsible for maintaining continuous liaison with the States to which it is accredited and with appropriate organizations, regional civil aviation bodies and United Nations (UN) Agencies and programmes. The Regional Office ensures interregional coordination and promotes the timely and harmonized implementation of ICAO Strategic Objectives, policies and decisions. The Regional Office also provides Member States and stakeholders with technical guidance and assistance for implementation of Standards and Recommended Practices (SARPs), Procedures for Air Navigation Services (PANS), Regional Supplementary Procedures (SUPPs) and Air Navigation Plan (ANP). The importance of the Regional Office's role in providing implementation support has been reiterated with the ICAO No Country Left Behind (NCLB) initiative that also contributes to attainment of UN Sustainable Development Goals.

The incumbent reports directly to the Regional Officer, Communications, Navigation and Surveillance (RO/CNS) and Regional Officer, Air Navigation Systems (CNS) Implementation, who provides direct technical supervision on the day-to-day work of the incumbent. Under the direction and guidance of RO/CNS and overall supervision of the Regional Director and/or Deputy Regional Director, the incumbent will work in coordination with other Regional Officers.

MAJOR DUTIES AND RESPONSIBILITIES

Function 1 (incl. Expected results)

Assists in the coordination, planning and implementation of the Regional ANP and SUPPs in the area of Communications, Navigation and Surveillance (CNS), achieving results such as**:**

- Assist the APAC Office in its work programme through active involvement in the planning and preparation of meetings of the various CNS related Asia/Pacific Air Navigation Planning and Implementation Regional Work Group (APANPIRG) contributory bodies.
- Coordinate with and provide sound advice to States on measures required for effective implementation of the Aviation System Block Upgrade (ASBU), ANP, Seamless Air Navigation Services (ANS) objectives.
- Monitor facilities development and improvement/achievement for the region by aligning with Global Air Navigation Plan (GANP), the Asia/Pacific Seamless ANS Plan and operational requirements.
- Coordinate on-line reporting process with the development of the Seamless ANS Plan.
- Assist in management of Automatic Dependent Surveillance–Broadcast (ADS-B) Problem Reporting Database, Air Traffic Management (ATM) automation system implementation repository and Air Traffic Services Inter-Facility Data Communication (AIDC) implementation repository.

Function 2 (incl. Expected results)

Provides technical support to, and coordinates network-based ANS projects in the APAC Region and relevant inter-region activities, achieving results such as:
- Serve as the coordinator for the Aeronautical Fixed service evolution and harmonized transition in the region, as exemplified through the Common aeRonautical Virtual Private Network (CRV) project.
- Assist in the management of the CRV project and support the CRV Operations Group of APANPIRG in managing CRV operations.

- Support the interconnection of Regional IP network deployed in the APAC and other regions in coordination with global initiatives.
- Coordinate the regional implementation of System Wide Information Management (SWIM) as outlined in the regional roadmap and philosophy agreed by APANPIRG.
- Coordinate regional cyber safety and resilience issues relating to facilities in support of ANS operations under the umbrella of ICAO Trust Framework.

Function 3 (incl. Expected results)

Supports innovative ANS projects in the APAC Region in line with global innovation initiatives, achieving results such as:
- Support the development of CNS and related innovation projects in the APAC Region, in particular, monitor the harmonized and timely implementation of regional projects with focus on digital transformation, artificial intelligence, unmanned aircraft systems (UAS), and sub orbit vehicle.
- Support States in the development of the regulatory challenges and solutions for innovation in aviation and stimulate the creation of innovation ecosystems at the regional and national level.
- Organize regional innovation events to raise awareness of innovation among States, industry partners and the aviation community and to promote its potential benefits.
- Identify common challenges and find appropriate solutions with stakeholders for the implementation of innovative concepts and their integration to the traditional aviation ecosystem in the region.
- Develop regional guidance material to help States to engage traditional and non-traditional stakeholders to sensitize the role of regulators for the innovation in aviation.

Function 4 (incl. Expected results)

Facilitates and coordinates Aeronautical Radio Frequency and SSR Mode S Interrogator code management, achieving results such as:

- Assist States in radio frequency assignment / Mode S Radar Interrogator code planning and management.
- Maintain a common ICAO frequency database of all aeronautical frequencies used by States in the Region.
- Assist States with their preparation of World Radio Conferences (WRCs) to support ICAO position and participate in the regional telecommunication forums in coordination with ICAO Headquarters.
- Support the inter-regional coordination and management of secondary surveillance radar (SSR) Mode S Interrogator code for efficient operation.
- Harmonize the implementation of C2 Link of remotely piloted aircraft systems (RPAS) for States in setting their national regulations to comply with the international standards.

Function 5 (incl. Expected results)

Performs other related duties, as assigned.

QUALIFICATIONS AND EXPERIENCE

Education

Essential
A first level university degree in systems engineering, radio navigation systems, communications, navigation, and surveillance (CNS) systems or satellite-based aeronautical systems, or in a related field. A technical qualification in aviation such as an Airline Transport Pilot License, Air Traffic Control License, or Airframe and Power Plant Technician Certification may be accepted in lieu of the first-level university degree.

Professional experience

Essential
- A minimum of six (6) years of experience in a civil aviation administration or in an international organization with duties involving the design, development, manufacture, installation, operation and/or maintenance of aeronautical communications, navigation, and surveillance systems.
- Experience as an active participant in ICAO regional or global CNS related meetings.

Desirable
- Experience with operation of on-line database.
- Experience in international projects between Air Navigation Service Providers (ANSPs), or in assistance missions to foreign ANSPs.
- Experience in conducting ANS inspections and monitoring implementation and setting up of CNS systems.

Essential
- Fluent reading, writing and speaking abilities in English.

Desirable
- A working knowledge of any other language of the Organization (Arabic, Chinese, French, Russian, Spanish).

Competencies

Professionalism: Knowledge of the Convention on International Civil Aviation, Standards and Recommended Practices (SARPs) and guidance material, and Regional Air Navigation Plans and Regional Supplementary Procedures. Shows pride in work and in achievements; demonstrates professional competence and mastery of subject matter; is conscientious and efficient in meeting commitments, observing deadlines and achieving results; is motivated by professional rather than personal concerns; shows persistence when faced with difficult problems or challenges; remains calm in stressful situations. Takes responsibility for incorporating gender perspectives and ensuring the equal participation of women and men in all areas of work.

Teamwork: Works collaboratively with colleagues to achieve organizational goals; solicits input by genuinely valuing others' ideas and expertise; is willing to learn from others; places team agenda before personal agenda; supports and acts in accordance with final group decision, even when such decisions may not entirely reflect own position; shares credit for team accomplishments and accepts joint responsibility for team shortcomings.

Communication: Speaks and writes clearly and effectively; listens to others, correctly interprets messages from others and responds appropriately; asks questions to clarify, and exhibits interest in having two-way communication; tailors language, tone, style, and format to match the audience; demonstrates openness in sharing information and keeping people informed.

Planning and Organizing: Develops clear goals that are consistent with agreed strategies; identifies priority activities and assignments; adjusts priorities as required; allocates appropriate amount of time and resources for completing work; foresees risks and allows for contingencies when planning; monitors and adjusts plans and actions as necessary; uses time efficiently.

Accountability: Takes ownership of all responsibilities and honours commitments; delivers outputs for which one has responsibility within prescribed time, cost and quality standards; operates in compliance with organizational regulations and rules; supports subordinates, provides oversight and takes responsibility for delegated assignments; takes personal responsibility for his/her own shortcomings and those of the work unit, where applicable.

Creativity: Actively seeks to improve programmes or services; offers new and different options to solve problems or meet client needs; promotes and persuades others to consider new ideas; takes calculated risks on new and unusual ideas; thinks "outside the box"; takes an interest in new ideas and new ways of doing things; is not bound by current thinking or traditional approaches.

MODE OF SECONDMENT

The duration of the secondment is two years which can be extended for an additional year exceptionally. The Secondee is expected to work five days per week.

ICAO may avail itself of the services of personnel seconded by governments, other international agencies or educational, scientific, research or other institutions. Seconded personnel are engaged under a Trust Funded or Gratis (detached expert) arrangement, in accordance with terms and conditions stipulated in a Memorandum of Understanding between ICAO and sponsor of the seconded person. During the period of assignment with ICAO the seconded individual will be considered an "Official" of ICAO.

Once engaged by ICAO the seconded individual will be under the sole authority of the Secretary General of ICAO and all relationship with the releasing Government/Agency will be held in abeyance during the period of employment with ICAO.

As detached expert: The individual is detached from the releasing government/Agency but is assigned to work for ICAO.

Trust Fund arrangement: Funds are deposited by the Government/Agency with ICAO for the purpose of engaging personnel normally subject to the stipulations of a Memorandum of Understanding.

NOTICE TO CANDIDATES

ICAO does NOT charge any fees or request money from candidates at any stage of the selection process, nor does it concern itself with bank account details of applicants. Requests of this nature allegedly made on behalf of ICAO are fraudulent and should be disregarded.