

KINGDOM OF BAHRAIN

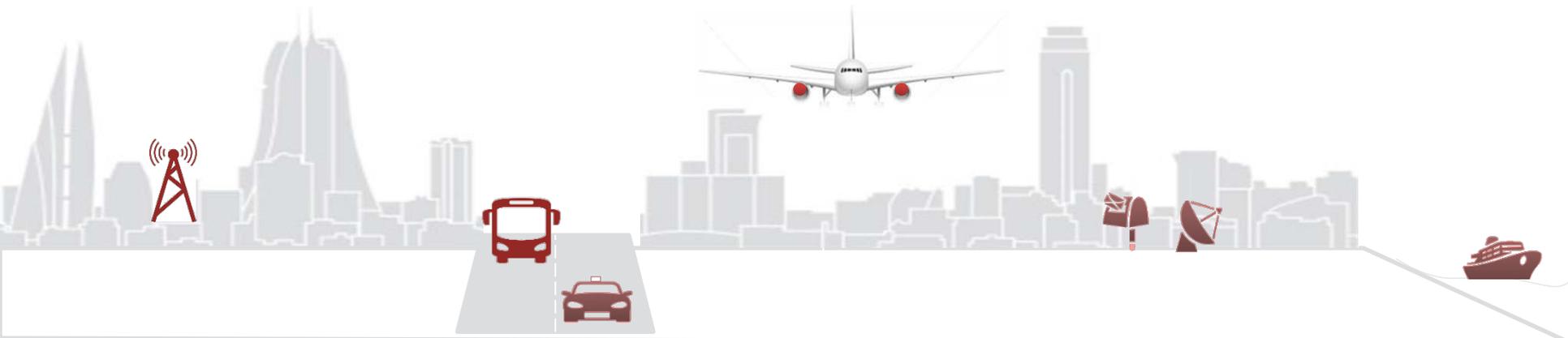
Ministry of Transportation
and Telecommunications



مَمْلَكَة الْبَحْرَيْن
وَأَزَارَةُ الْمَوَاصِلَاتِ وَالْإِتْصَالَاتِ

Civil Aviation Affairs

New Area Control Centre & Air Traffic Management Projects





Content

- **New Area Control Centre & Air Traffic Management Systems**
- **New Area Control Centre Overview**
- **Air Traffic Management Systems Overview**
- **Emergency Back-up Centre & Simulator Training Centre**



New ACC & ATM projects





New ACC & ATM Projects

- **Affirming the commitment of the Kingdom of Bahrain to the international agenda and trends towards the UN Sustainable Development Goals**
- **Aligned with the Global Air Navigation Plan, ASBU and the MID Region Air Navigation modernization strategy**
- **Part of the National Development Action Plan for modernization of air navigation infrastructure to accommodate anticipated regional traffic growth**
- **Equipped with an integrated CNS/ATM Systems featuring most advanced technology**



New ACC & ATM Projects

- **Highly customized to serve traffic flows within Bahrain FIR at the highest levels of safety and efficiency**
- **Equipped with advanced technologies processing surveillance information, flight data, ADS and PBN flight trajectory-based technology**
- **New integrated voice control and communication system (IVCCS) “new transmitter and receiver air-ground communication stations”**
- **Complete independence and resiliency in terms of power supply, redundant systems & external communication lines to ensure sustainable operations**



New ACC Building

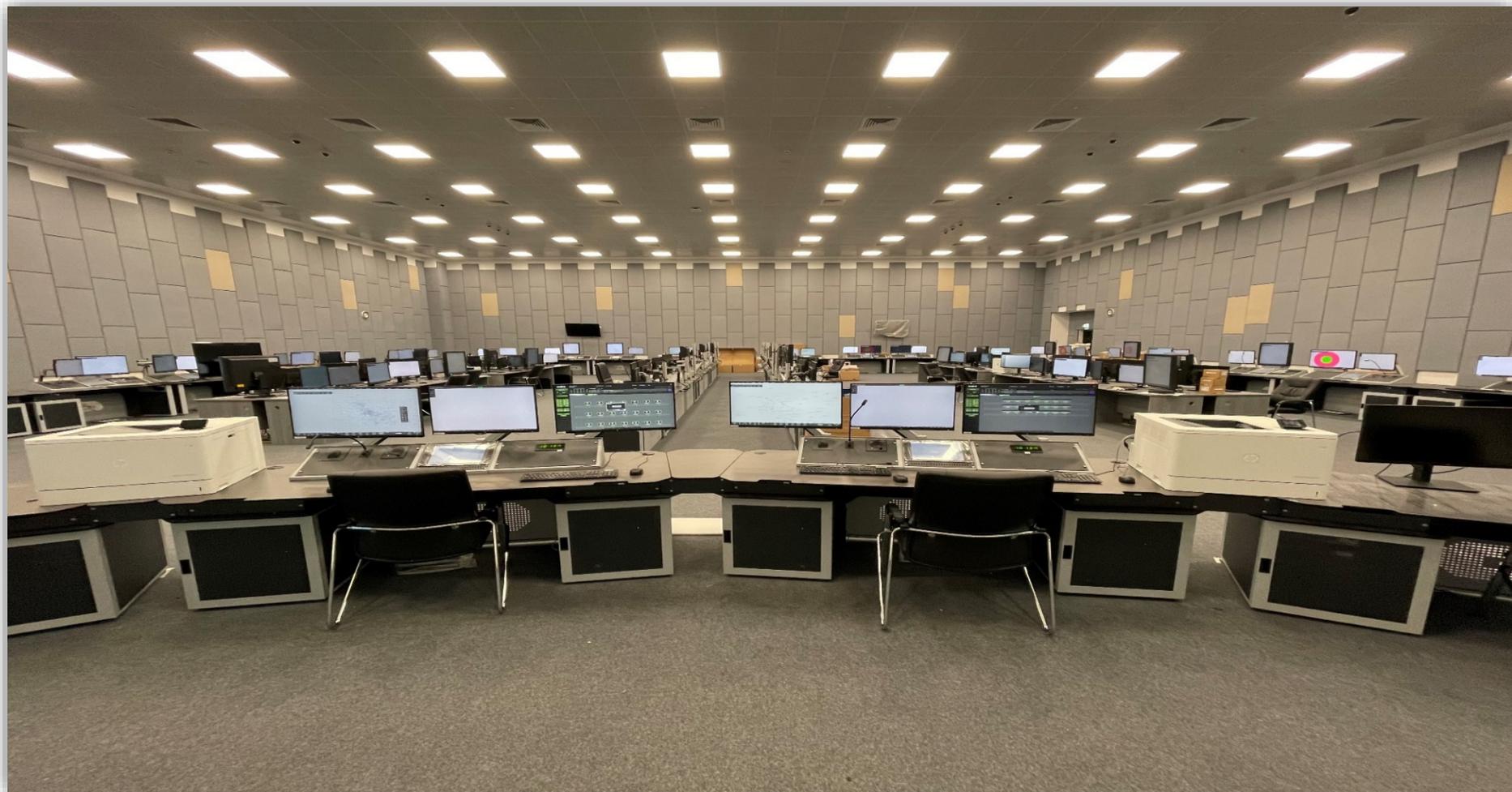
Overview

Project Starting Date	21 October 2018
Building-Project Completion Date	First Quarter of 2021
New ACC Area	3120 m²
Equipment Room Capacity	87 Racks (Expandable)



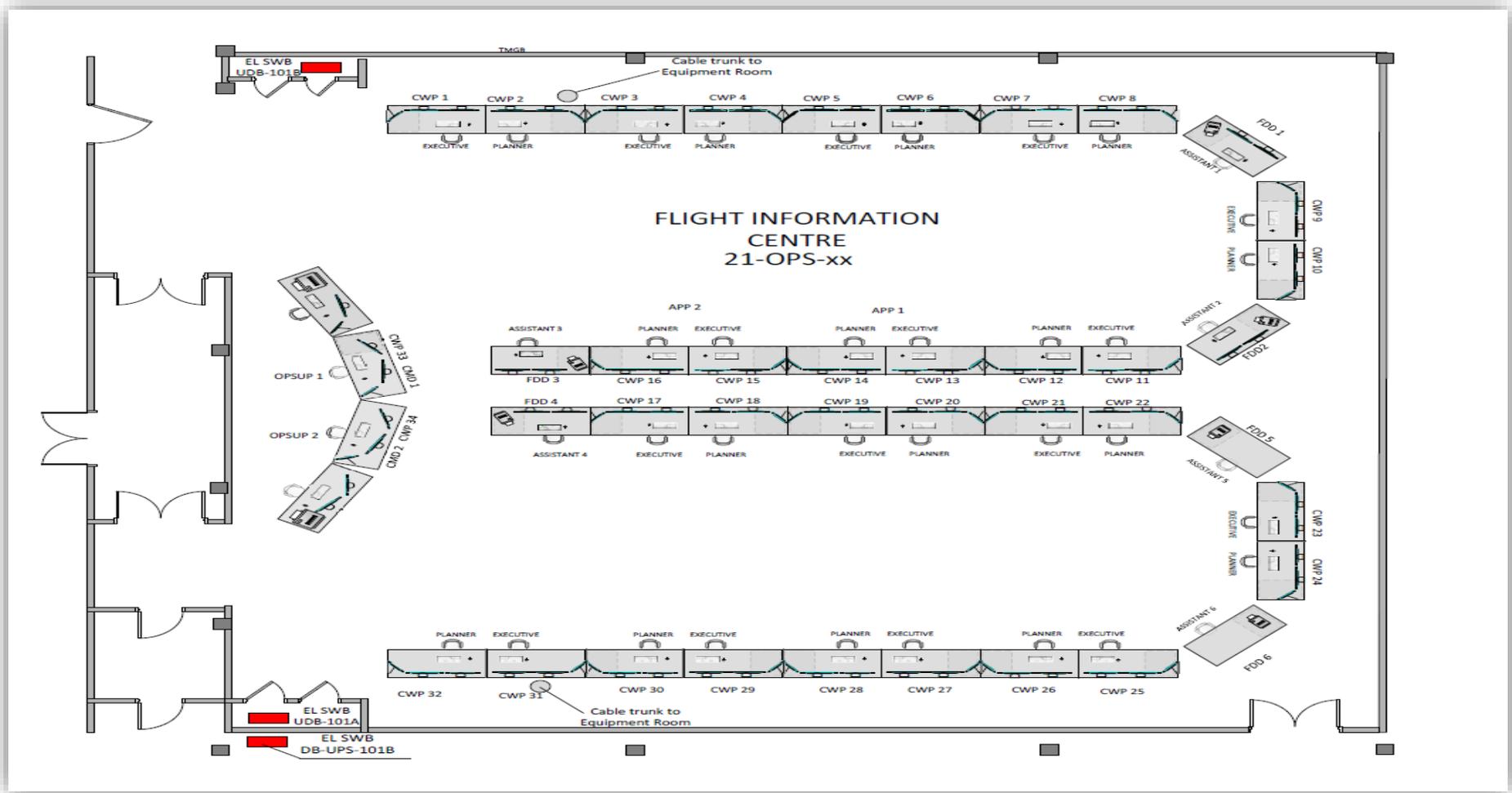
وزارة المواصلات والاتصالات
Ministry of Transportation
and Telecommunications

New ACC Building





New ACC layout





New ATM Systems

Overview

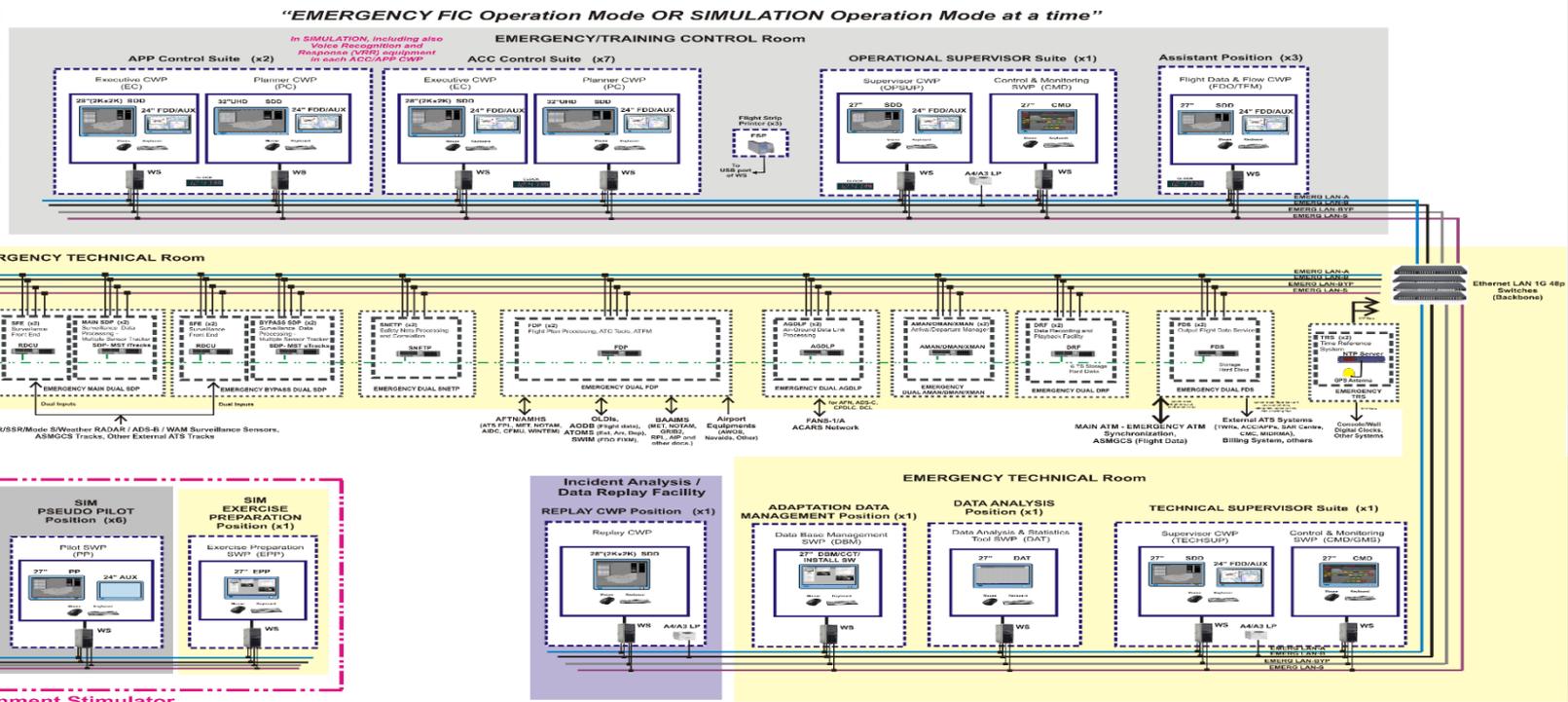
Starting Date	April 2020
Completion Date	Q2 2022
Controllers Positions	32 Positions (Expandable)
Assistants Positions	4 Positions
Supervisors Positions	2 Positions
Simulator Positions	10 Positions



Back-up ACC & New Simulator System

- The current ACC is equipped as Back-up Centre for Emergency & Outage
- Simulator Training Centre “New System”

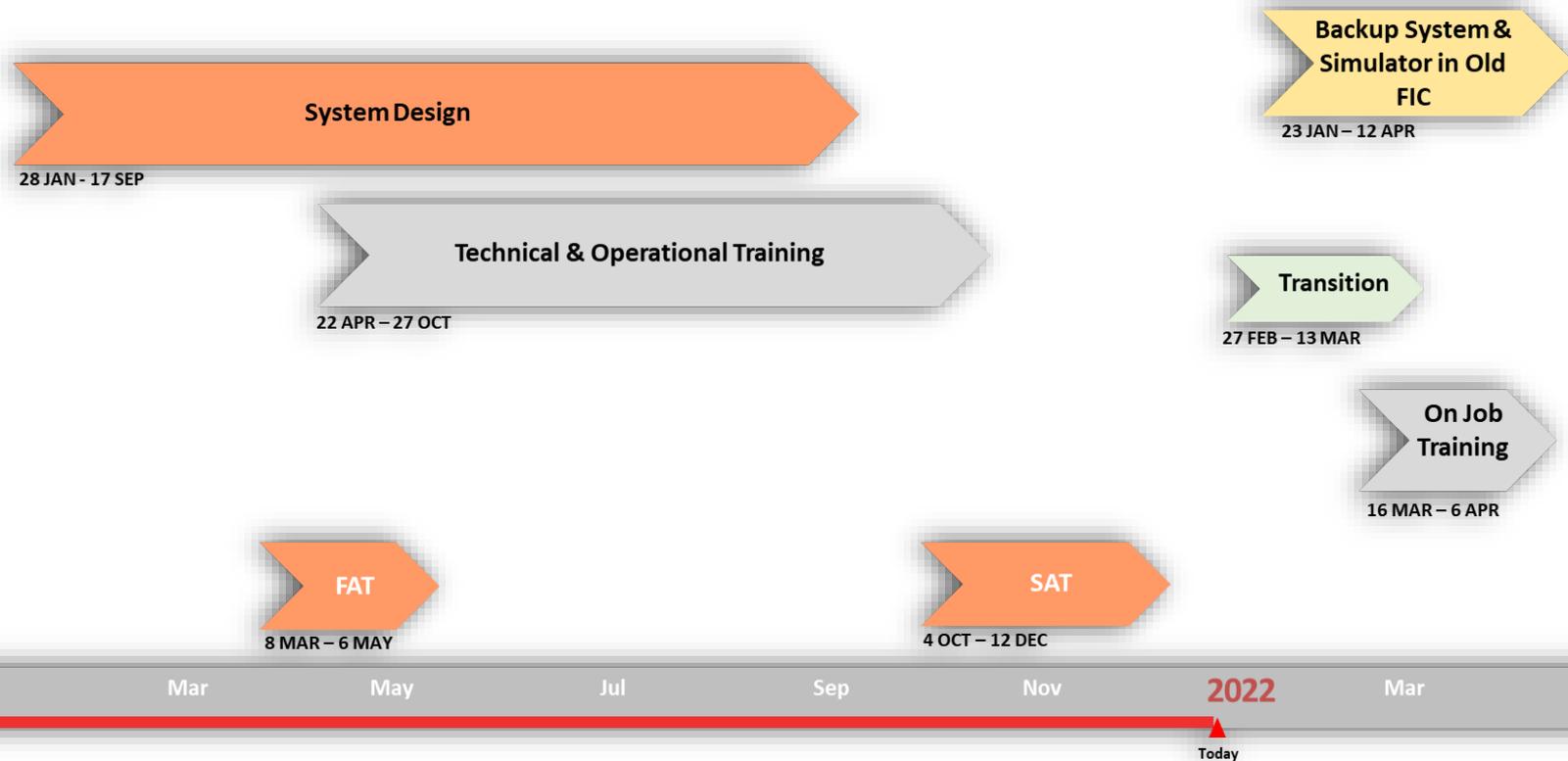
Emergency/Simulation System (EMERG/SIM) for BAHRAIN FIC





Project Milestones-Progress

Milestones for New ATM System Project



Thank You

