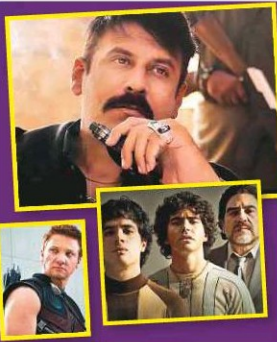


15 unmissables that should feature on your watchlist this season



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عام الخمسين
YEAR OF THE FIFTIETH
FEL UAE

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Call of the wild: Dubai Safari opens today

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Angela Merkel mixed politics with humanity



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UAE-India trade partnership talks begin

Astronauts to study effect of isolation

TWO-EMIRATI 'CREW ONE' TO CONTINUE TRAINING

DUBAI

Staff Report

The Mohammad Bin Rashid Space Centre (MBRSC) yesterday announced that Abdallah Al Hammadi and Saleh Al Ameri, the two Emirati 'CREW ONE' analogue astronauts, will continue their training as part of the Emirates space simulation project within the Scientific International Research in Unique Terrestrial Station (SIRIUS) 21/21 mission.

The mission, slated to begin in November, is set to simulate life in space over an eight-month period at the Ground Experimental Complex of the Russian Academy of Sciences' Institute of Biomedical Problems in Moscow, Russia.

The two analogue astronauts form part of CREW ONE (one primary, one backup) and their task will be to study the psychological and physiological effects of isolation on humans and team dynamics to help prepare for long-term space exploration missions.

Involvement of universities

Recently, they were trained on how to construct and maintain the space facilities they will be using along with different pre-mission experiments. During the mission, the CREW ONE astronauts will conduct over 60 different experiments across a wide range of physical, psychological, immunological, and other tests.

Yousuf Hamad Al Shaibani, Director-General, MBRSC, said: "With the announcement of the start of the SIRIUS mission in November, we at the MBRSC were keen to select and equip our astronauts according to strict mission protocols based on standards established with our international partners. They will carry out some of the experi-



■ Abdallah Al Hammadi and Saleh Al Ameri will continue their training at the Russian Academy of Sciences in Moscow.



■ Abdallah Al Hammadi and Saleh Al Ameri from part of CREW ONE will conduct over 60 different experiments.

ments presented by some universities in the UAE as part of our agreement with the scientific community in the country."

Wider reach

Meanwhile, Adnan Al Rais, Mars 2117 Programme Manager, MBRSC, said: "The mission of simulating life in space is of great importance as it will enable us to ensure the safety and health of astronauts during long-term space exploration trips. This mission will not be limited to the Mars 2117 project, but will cover the entire Emirates Astronaut Programme, to

include manned missions that our astronauts will carry out in the future as well as other ambitious space programmes as envisioned by our leaders."

The UAE's participation in the SIRIUS mission will play a pivotal role in developing the country's capabilities and will contribute to strengthening the Mars 2117 programme, which aims to establish human settlements on Mars by 2117.

The Mars 2117 initiative is funded and supported by the ICT Fund of the Telecommunications and Digital Government Regulatory Authority.