



Letter from the Editor

Your positive response to our new design has been satisfying and we look forward to some exciting content in the months ahead, some of it building up to our 50th anniversary celebration of the first landing on the Moon, for which we are planning a special bumper spread in the July 2019 issue!

For the time being, I am particularly pleased that we could continue our reflection on the life and talents of Arthur C Clarke, a giant among his peers and a legend in his time. A figure whom we at the British Interplanetary Society are particularly proud to have been associated with and whose name is remembered in the address of our London headquarters.

In putting this issue together I am reminded of the stories still to be told about historical aspects of the early space programme, realised in our unusual look at the proposed Manned Orbiting Laboratory of the 1960s through the eyes of artists commissioned to reflect the most ambitious applications for its function in Earth orbit.

Looking ahead, we revisit the magnificent fly-by of Pluto and anticipate the next target for New Horizons.

David Baker

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COVER: MARS 2020 WILL BRING A NEW SUITE OF INSTRUMENTS TO THE RED PLANET (NASA/JPL)

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Phillip Corneille looks at the Russian Orlan EVA suit and tracks the evolution of an innovative design that has changed little in concept but greatly in capability.



16 Remembering Arthur C Clarke

SpaceFlight asked BIS President Mark Hempzell, Alan Bond and Mat Irvine to reflect on the life of this great futurist, science fiction writer and polymath on the 100th anniversary of his birth.

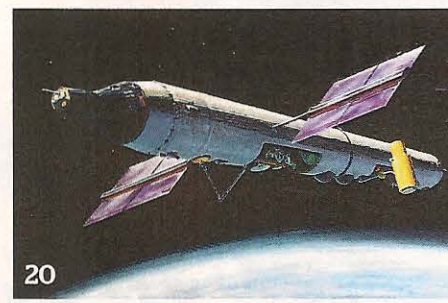


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Dr John Charles visited the USAF Art Collection at the Pentagon and came away with an incisive view of how the Air Force saw potential applications for its military space stations.

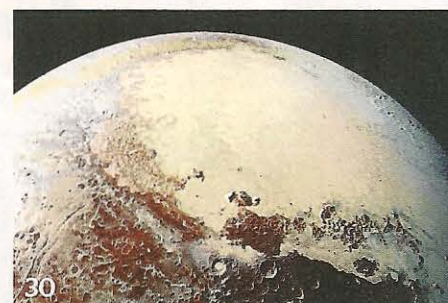
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Regular contributor to *SpaceFlight*, Gerard van de Haar, summarises the outstanding results from the New Horizons mission to the most distant body in the solar system visited to date.



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OUR MISSION STATEMENT

The British Interplanetary Society promotes the exploration and use of space for the benefit of humanity, connecting people to create, educate and inspire, and advance knowledge in all aspects of astronautics.

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Published monthly by the British Interplanetary Society. **SpaceFlight** is a publication that promotes the mission of the British Interplanetary Society. Opinions in signed articles are those of the contributors and do not necessarily reflect the views of the Editor or the Council of the British Interplanetary Society. **Registered Company No:** 402498. **Registered charity No:** 250556. The British Interplanetary Society is a company limited by guarantee. Printed in England by Latimer Trend & Company Ltd, Plymouth.

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