SPACE ECONOMY NEWSLETTER



Recent activity in the space economy. Highlights below are courtesy of UFO, THE PROCURE SPACE ETF.

NASA SELECTS SIX COMPANIES TO DEMONSTRATE COMMERCIAL SUCCESSORS TO TDRS BY JEFF FOUST

Some people choose to celebrate 4/20 by getting high as a kite and indulging in copious amounts of Domino's cheesy bread. NASA decided to forgo the ganja and instead marked the occasion by awarding \$278.5 million in funding for its Communications Services Project. The six winners, Amazon's Kuiper, Inmarsat, SES,* SpaceX, Telesat,* and Viasat,* will demonstrate how their satellite services can be used to replace the Space Agency's current communications constellation.

Source: www.spacenews.com



AMAZON SIGNS MASSIVE ROCKET DEAL WITH 3 FIRMS, INCLUDING BEZOS' BLUE ORIGIN, TO LAUNCH INTERNET SATELLITES

BY MICHAEL SHEETZ

The rivalry for internet space supremacy is shaping up to be more competitive than a Final Four matchup. Amazon stepped up its game saying it had inked a record-breaking commercial rocket contract for 83 launches with Arianespace, Blue Origin, and United Launch Alliance (a joint venture with Boeing* and Lockheed Martin*). The deal is part of Project Kuiper, which aims to build a broadband internet constellation of more than 3,000 satellites in low Earth orbit.

Despite the big news and its cheaper than average antennas, Amazon won't simply be handed the W. The company is up against SpaceX, which has launched nearly 2,000 Starlink satellites, and OneWeb which has put two-thirds of its satellites in the sky.

Source: www.cnbc.com



U.S. INTEL HELPED UKRAINE PROTECT AIR DEFENSES, SHOOT DOWN RUSSIAN PLANE CARRYING HUNDREDS OF TROOPS

BY KEN DILANIAN, COURTNEY KUBE, CAROL E. LEE AND DAN DE LUCE

Companies such as BlackSky,* Maxar,* and Planet* continue to provide the intelligence community with vital satellite imagery and data of the war in Ukraine. The U.S. was able to share this information with Ukrainian forces to help the country protect itself from Russian missile strikes and prevent a plane carrying hundreds of soldiers from attacking an airport near Kyiv.

Source: www.nbcnews.com



NRO PLANS FOR IMMEDIATE AND LONG-TERM ACQUISITION OF COMMERCIAL SATELLITE DATA BY DEBRA WERNER

Recognizing the importance of maintaining and increasing the flow of data, the National Reconnaissance Office (NRO) is partnering with commercial satellite operators for current and future projects. The NRO signed deals with companies including Airbus*, Capella, Iceye, PredaSAR and Umbra.

Source: www.spacenews.com



MAXAR TECHNOLOGIES BAGS \$202M IN US GOVERNMENT **MISSION SUPPORT CONTRACTS IN Q1** BY AKANKSHA BAKSHI

Nice work if you can get it. The U.S. Government awarded Maxar \$202 million over six years to provide geospatial intelligence and technology for national security missions.

Source: www.benzinga.com

AXIOM-1 MISSION IS A GIANT LEAP FOR ORBITAL REAL **ESTATE** BY TIM FERNHOLZ



Move over Necker Island, the International Space Station could dethrone Richard Branson's private paradise as the coveted vacation spot. Axiom Space sent the first all-private crew aboard a SpaceX Dragon aircraft to the ISS for an eight-day stay.

Axiom, along with several other private companies such as Northrop Grumman,* Boeing,* and Lockheed Martin,* are seeking to build their own space stations and create tourist destinations. While these endeavors have received funding from NASA, they still remain expensive undertakings with high costs for launches and station operations.

Source: www.qz.com



PRIVATE AX-1 ASTRONAUTS ON SPACEX CAPSULE TO MINT NFT ARTWORK IN SPACE

BY MIKE WALL

The AX-1 astronauts didn't just kick their space boots up and sip piña coladas on the ISS veranda the whole time. The space travelers were tasked with creating digital artwork to be sold on Axiom's newly launched non-fungible tokens (NFT) marketplace.

Source: <u>www.space.com</u>

STARLINK IS COMING TO HAWAIIAN AIRLINES IN A BID TO TRY AND FIX IN-FLIGHT WIFI

BY DAVID PIERCE

From social media to the friendly skies, Elon Musk had an eventful April. Not only did he reach an agreement to become Titan of the



Tweets, but Musk's SpaceX secured its first major airline contract. Travelers on Hawaiian Airlines will receive free WiFi courtesy of the Starlink satellite network. TBD if passengers use the in-flight internet to tweet about the subpar plane food.

Source: <u>www.theverge.com</u>

*As of April 29th, 2022, Airbus (AIR FP) was a 0.83% holding, BlackSky Technology (BKSY) was a 0.58% holding, Boeing (BA) was a 2.16% holding, Lockheed Martin (LMT) was a 2.48% holding, Maxar Technologies (MAXR) was a 4.86% holding, Northrop Grumman (NOC) was a 2.50% holding, SES (SESG FP) was a 5.65% holding, Telesat (TSAT) was a 1.12% holding, Viasat (VSAT) was a 3.66% holding in the **Procure Space ETF (NASDAQ: UFO).**

The Procure Space ETF is a global pure-play space ETF. For a complete list of holdings in UFO, visit: <u>https://procureetfs.com/ufo/</u>

Fund holdings and sector allocations are subject to change at any time and should not be considered a recommendation to buy or sell any security.

> For more information on UFO The Procure Space ETF(NASDAQ:UFO), visit **www.ProcureETFs.com**.

Disclosures:

Please consider the Funds investment objectives, risks, and charges and expenses carefully before you invest. This and other important information is contained in the Fund's summary prospectus and prospectus, which can be obtained by visiting <u>procureetfs.com</u>. Read carefully before you invest. Any investment product, strategy, or product design that is described on the Procure ETF's website may not be suitable for all types of clients.

Investing involves risk. Principal loss is possible. The Fund is also subject to the following risks: Shares of any ETF are bought and sold at market price (not NAV), may trade at a discount or premium to NAV and are not individually redeemed from the funds. Brokerage commissions will reduce returns. Aerospace and defense companies can be significantly affected by government aerospace and defense regulation and spending policies.

The exploration of space by private industry and the harvesting of space assets is a business based in future and is witnessing new entrants into the market. Investments in the Fund will be riskier than traditional investments in established industry sectors. The Fund is considered to be concentrated in securities of companies that operate or utilize satellites which are subject to manufacturing delays, launch delays or failures, and operational and environmental risks that could limit their ability to utilize the satellites needed to deliver services to customers.

A UAP (unidentified aerial phenomena) formerly known as a "UFO" is a flying object that looks or moves unlike any known aircraft. Given that currently there is no identification of these observed phenomena, it is possible that UAPs could create unintentional or deliberate operational, data security, "cyber" and other interference with the operation of satellites and other objects in space. Such activities could result in a significant adverse impact on the Fund's securities, thereby causing the Fund's investment in such portfolio securities to lose value and adversely affecting the Fund's ability to fulfill its investment objectives.

Investing in foreign securities are volatile, harder to price, and less liquid than U.S. securities. Securities of small- and mid-capitalization companies may experience much more price volatility, greater spreads between their bid and ask prices and significantly lower trading volumes than securities issued by large, more established companies. The Fund is not actively managed so it would not take defensive positions in declining markets unless such positions are reflected in the underlying index. Please refer to the summary prospectus for a more detailed explanation of the Funds' principal risks. It is not possible to invest in an index.

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