

Communications without Boundaries

Orbit Investors Presentation Growing Together

15 July 2021



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Orbit at a Glance

http://orbit-cs.com/

Orbit is a leading global provider of innovative and highly reliable airborne audio, satcoms, and tracking

Based in Israel and the US, with international sales, production and support facilities

Founded in 1950 as a start up electronics company, Orbit pioneered precision tracking systems

Today, Orbit is a global market leader with technology superiority in airborne audio management and mobile satellite communication

Orbit is a publicly listed company (TASE), combining a strong balance sheet with productive R&D investment





Significant Install Base

4,000+ Airborne Systems

4,500+ Maritime Systems

1,800+ Ground Systems

Orbit Customer Base

- Orbit serves a diverse, blue-chip international customer base
- **Customers** located in **58** different countries
- **Key development partners** include Boeing, Lockheed Martin, SES, Inmarsat, Airbus, Rafael and IAI



US, NATO & International **Armed Forces**

ESA, NASA and National **Space Agencies**

Emerging New Space Entrants Satellite Operators

Earth Observation Companies

Aircraft Manufacturers













































































Orbit Global Network





R&D Engineering Manufacturing Sales & Marketing Distribution



Logistic center



Service



Orbit Communication Inc., USA

- Over 20 years of operation
- Major Growth Factor
 - Blue Chip Companies and Government Agencies
 - Boeing, Lockheed Martin, SNC (Sierra Nevada Corporation)
 L3Harris, United States Air Force
 - Platform for Global Sales via US Local Integrators
 - FMF Reform Ready
- Full Production capabilities
- American Sales and Service





תוכנית הסיוע האמריקאי לישראל: משמעויות תקציביות ואסטרטגיות

<u>שמואל אבן, ששון חדד</u> מרכי על בילווו 1070 3 בעלו 2018

אוקטובר 2013 תחל שנת תקציב חדשה בארצות הברית ועמה וטכנית הסיע הרב-שנתית לישראל לעשור 2028-201, בסך 28 ועיבארד זילר. מתוכנים 33 מיליארד זילר מתוכנית סיוע החוץ 5-1 וליארד זילר ממשרד ההגנה לסימון פוריקטים משותפים להגנה ופני סילים (נושא זה לא נכלל בתוכנית הסיוע הרב שנתית הקודמת). נו זאת, תגאי הסיע הקופוו: ישראל לא תרכוש בכספי הסיוע דלק בינלתה להסיר כספי סיע מדולרים לשקלים מפחת עד לאפס בסוף התוכנית. הדבר יהווה אתר לשימור יכולות המו"פ ועוצמתן של התיטיות הביטחוניות בינותל הלא שענות עותה על רכש של צה"ל

We are Read





Main Product Segments

Airborne Audio



Mobile Satellite Communication



Ground Systems



- Pioneer in Airborne Satcoms and Audio Management
- Civil and DoD/MoD qualifications and certifications
- Tailored solutions for a broad range of aircraft, helicopters and UAVs

- Airborne Satellite Communication
- Maritime Satellite
 Communication
- Long-standing supplier to US and NATO Navies and Air Forces
- Top supplier of compact Ground Stations for 'New Space' and Earth Observation
- Range of fixed and transportable Turn-Key Telemetry and Tracking Solutions



Prime Customers & Partners

Airborne Audio

Mobile Satellite Communication

Ground Systems







Audio Management Systems with integrated 3D, ANR





















Airborne and **Maritime** Satellite Communication

























'New Space' ,Earth Observation, LOS and Telemetry Systems

























בסיס חזק של לקוחות ושווקים עולמיים







Audio Management Systems

Airborne Audio Management – Substantial Opportunities

- Large Install Base
- Thousands of Flying Systems
- Leading-edge technical features on Orion™ including 3D audio and Active Noise Reduction
- Growth potential to Rotorcrafts and Ground Platforms







AMS Significant Install Base – Partial Snapshot

Year	Customer	Platform			
1991	US Army	Army Helicopters			
1995	Lockheed Martin	Classified			
1996	IAI & Boeing	T-38			
1997	Gulfstream	G 4			
1998	Rockwell Collins	KC-135			
2001	Gulfstream	G-3/4/5			
2002	US Navy	Confidential			
2004	Airbus DS	C-295, CN-235			
2009	US Homeland Security	Confidential			
2013	Antonov	Confidential			

Year	Customer	Platform
2013	UAC	MC-21
2014	Undisclosed OEM	Trainer
2015	Airbus DS	C-295
2018	US Air Force	KC-135
2018	Embraer	Confidential
2019	IAI	Heron TP
2016	Boeing	Classified
2020	Boeing	T-7A
2020	Lockheed Martin	F-16





Train to the second sec

מערכות אודיו קשר פנים – מוצרים סדרתיים





EOCKHEED MARTIN F-16 פוטנציאל 5000 מטוסים



BOEING – CLASSIFIED פוטנציאל 2000 מטוסים



BOEING T-7A בואינג מטוס אימונים לחיל האויר פוטנציאל



USAF-KC-135 חיל האויר האמריקאי מטוסי תדלוק פוטנציאל



עשרות מטוסי משימה בשנה 2550, KingAir350, U-28, P-12, C-295, AN-124, AN-128



2021 2022 2023 2024 2025 2026 2027 2035



מצוו

פלטפורמות ליצור

סידרתי

Growing Relationship with Leading OEMs





F-16 Orion Recent Award

ORBIT REPORTS A MAJOR COMPETITIVE WIN ON A LOCKHEED MARTIN BID FOR THE DEVELOPMENT AND PRODUCTION OF THE NEXT GENERATION 3D AUDIO MANAGEMENT SYSTEMS FOR F-16 AIRCRAFT

Estimated Long Term Agreement Contract Value of \$46 Million

Deerfield Back, Horlda, August 23, 2020 - Orbit Communication Systems Inc., the U.S., subsidiary of Orbit Communication Systems Ltd. (TASS-OBB) who specializes in stafflier communication tracking systems, and alrowner communication and audio management solutions, announced today that Lockineed Martin Corporation (NYSE: LMT) selected 1st Orlow² Combat 30 Audio Management Systems (30 AMIS) for the nest generation avoices said of the F-16. The Long-Frem Agreement includes development, production, and sustainment of audio management systems (30 AMIS) and sustainment of audio management systems valued at an estimated contract of \$46 million.

This agreement will enable continued delivery on current F-16s commitments for partners around the world. The F-16 has been proving its value for decades and continues to remain the best value among 4th generations jets for its high-tech capabilities and affordable lifecycle costs. Today approximately 3,000 aircraft are flying in more than 25 countries.



F-16s Could Still be Flying Into the 2070s

SHARE ARTICLE

May 23, 2021 | By John A. Tirpak

Based on Lockheed Martin's backlog of F-16 orders, planned upgrades, and the recent revelation that the Air Force plans to depend on the fighter into the late 2030s, the F-16's sunset years now could come in the 2070s, or later.

The late Michele A. Evans, Ulmer's predecessor as Lockheed VP for aeronautics, said in September 2020. the company sees a **possibility 'of getting up to 5,000" F-16s** built. She also said the company views the F-16 as an entrée to its F-35, for countries that are not yet ready to adopt the fifthgeneration fighter, but may wish to later

Source: Airforce Magazine

\$46 Million Contract





Airborne Satellite Communication

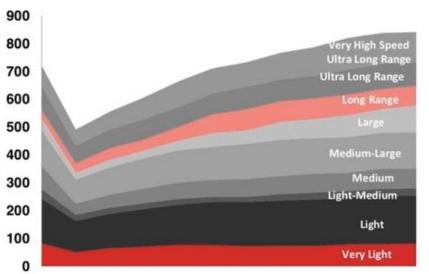
Orbit Satcom Offering



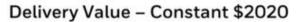


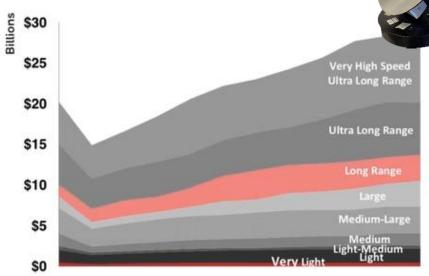
2020 Business Aviation Outlook - Orbit 12" Antenna System

Aircraft Deliveries



2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030



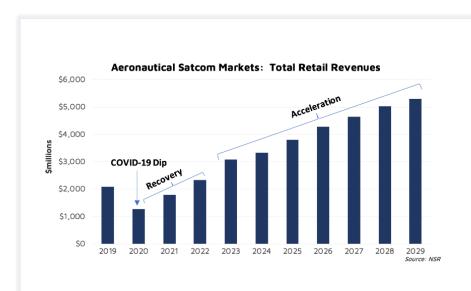


2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030

~7,300 Aircraft, up to \$235B in value from 2021-2030

Airborne Satellite Communication – Prime Growth Engine

- Global fast adaptation of in-flight connectivity
- New Airborne Satellite Communication Superior performance



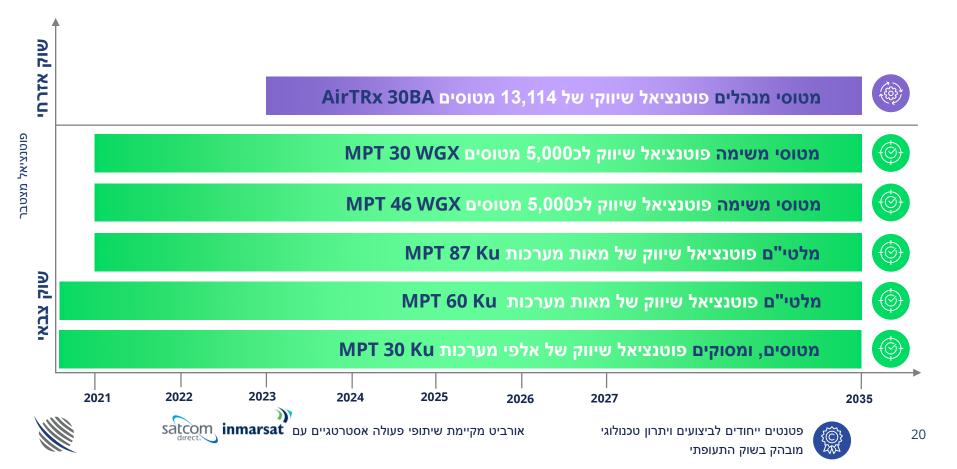
PR: Despite Pandemic, IFC Terminal Installed Base in Business Aviation to Reach 32,000 by 2029

August 13, 2020 13:00 British Summer Time (BST)

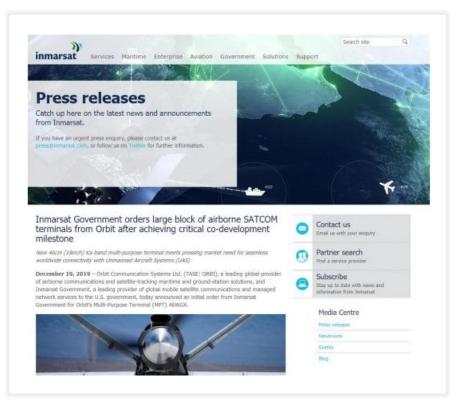
Source: Valour Consultancy



מוצרי תקשורת לווינים מוטסים – צמיחה דרך מוצרים



Airborne Satellite Communication Recent Publications







Airborne Satellite Communication Recent Publications



ORBIT GX46 AIRBORNE SATCOM TERMINAL RECEIVES INMARSAT GLOBAL XPRESS COMMERCIAL AND MILITARY KA-BAND TYPE APPROVAL

Multi-purpose, high-throughput aviation terminal supports military, government and commercial users worldwide

06.04.21

Inmarsat, the world leader in global, mobile satellite communications services and Orbit Communication Systems Ltd. (TASE: ORBI), a leading global provider of airborne communications solutions, today announced that the Orbit GX46 multi-purpose terminal (MPT) has received full type approval for use over Inmarsat's Global Xpress (GX) network.

GX is the world's first and only, globally available, seamless mobile wideband service. In U.S. government service since July 2014, GX has established itself as the gold standard for reliable communications across land, sea, and air domains for assured mobile connectivity.



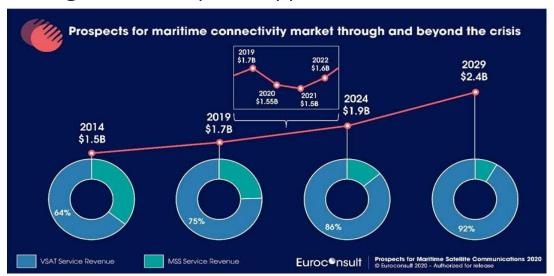




Maritime Satellite Communication

Maritime Satcom – Expanding Market Position

- OceanTRx has rapidly become a leader in large cruise ships
 - Now on 12 of 15 largest liners Royal Caribbean, MSC, Virgin and others
 - More than 25 Navies using Orbit Products
 - Integrated New Space Support for NGSO Satellites







מיקוד של אורביט במערכות תקשורת לוויניות ימיות



פטנט ייחודי תקשורת דואלית מעניק יתרון משמעותי למערכות אורביט



היום בבנייה מעל 900 כלי שייט צבאיים ומעל 300 צוללות

קבלת הזמנות בגובה של 16.9 מיליון דולר עבור התחום הימי

פוטנציאל לאלפי מגוון גדלים וקונפיגורציות עבור כלים צבאיים קטנים OceanTRx Mil Dual band יחידות פוטנציאל מצטבר מערכות פוטנציאל של מאות רבות של מערכות - OceanTRx Mil פוטנציאל של מאות רבות של מערכות שוק צבאי מערכת מובילה לציים מהמובילים בעולם OceanTRx7 - פוטנציאל של מאות רבות של מערכות מערכת מובילה לציים מהמובילים בעולם OceanTRx4 פוטנציאל של מאות רבות של מערכות 2021 2022 2023 2024 2025 2026 2027 2035

המערכות הימיות של אורביט הן

המערכות הימיות היחידות בעולם

זמנית



מיקוד של אורביט במערכות תקשורת לוויניות ימיות

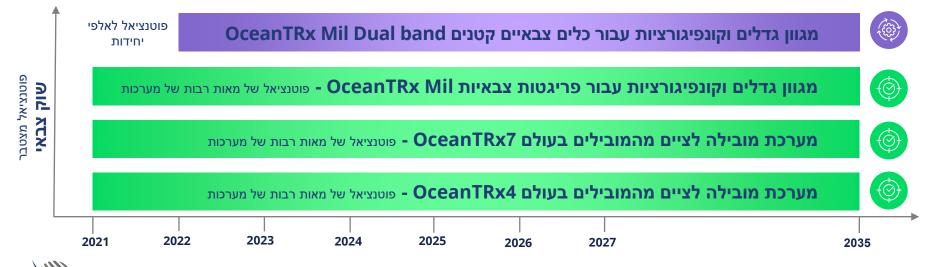


פטנט ייחודי תקשורת דואלית מעניק יתרון משמעותי למערכות אורביט

מתחילת השנה אורביט דיווחה על קבלת הזמנות בגובה של 16.9 מיליון דולר עבור התחום הימי

המערכות הימיות של אורביט הן המערכות הימיות היחידות בעולם שתומכות בשידור וקליטה של 2 תדרים בו זמנית

היום בבנייה מעל 900 כלי שייט צבאיים ומעל 300 צוללות





ORBIT COMMUNICATION SYSTEMS REPORTS DELIVERY OF A MILITARY SATELLITE COMMUNICATIONS SYSTEM FROM THE OCEANTRX 4 MIL FAMILY TO THE ISRAELI NAVY, FOR THE SAAR 6-CLASS CORVETTE.

This will provide continuous satellite connectivity at a variety of frequencies to Saar 6 vessel.

Netanya, Israel, May 3, 2021 – Orbit Communications Systems Ltd. (TASE: ORBI), a leading global provider of maritime and airborne satcom terminals, tracking ground station solutions, and mission-critical airborne audio management systems announced today the delivery of an OceanTRx 4 Mil satellite communications system to the Israeli Navy to be installed on the Saar 6-class corvette.

"We are proud that the Israeli Navy has chosen the OceanTRx 4 Mil Platform," said Daniel Eshchar, CEO of Orbit. "This platform is one of the most advanced naval satellite communication solutions in the world. The platform supports both military and civilian bands on a single military system."

About Orbit's OceanTRx 4 Mil System

OceanTRx 4 Mil is a Maritime Satcom Terminal, based on the OceanTRx4 platform but with advanced military features. A patented satellite communication system designed for maritime platforms and supports a variety of configurations of 1.15-meter diameter antenna systems, operating different frequencies including simultaneous operation of a variety frequencies for global operation. The OceanTRx 4 Mil system is designed for quick and convenient installation, maintenance and upgrade, combining RF performance and exceptional system availability for security customers.





מיקוד של אורביט במערכות תקשורת לוויניות ימיות



מעניק יתרון משמעותי למערכות אורביט

מתחילת השנה אורביט דיווחה על קבלת הזמנות בגובה של 16.9 מיליון דולר עבור התחום הימי של אורביט הינן Ocean TRx מערכות המערכות הקומפקטיות ביותר בעולם באותה קטגוריה





Strong Maritime Presence

ORBIT EXPANDS DELIVERY OF DUAL-BAND (KU/X) MARITIME SATCOM TERMINALS FOR THE POLISH NAVY

Ease of switching between X and Ku bands and all-weather reliability key factors influencing the deployment of OceanTRx™4 systems aboard Cormorant-Class Minehunters

Netanya, Israel, 3 September 2019 - Orbit Communications Systems Ltd. (TASC: ORBI), a leading global provider of satellitetracking maritime, airborne and ground-station solutions, announced today that systems integrator THESTA, ordered additional dual-band OceanTRx 4 systems for the PGZ Group, the leading contractor of naval navigation, communications and combat systems in Poland, for deployment aboard the Polish Navy's Commorant-Class Minehunter.

OceanTRx d is a rugged and innovative stabilized dual-band maritime sacrom platform. It further expands Orbit's industryleading OceanTRx series, leaturing outstanding RF performance, system availability and dynamic response under virtually any offshore conditions. Supporting the mission-critical broadband needs of navy vessels, it was designed for one day deployment and simple updates and maintenance. Orbit's maritime platform provides outstanding performance and high reliability, while achieving a low total cost of ownership.



TENTH NAVY ORDER FOR ORBIT'S MARITIME SATCOM TERMINALS

Asian Navy signs US\$2.7 million contract for a combination of OceanTRx 4 and OceanTRx 7 systems

Washington, DC, March 11, 2020 – Orbit Communications Systems Ltd. (TASE: ORBI), a leading global provider of satellitetracking maritime, airborne and ground-station solutions, announced today at the Satellite 2020 Conference in Washington, DC, a new USS2.7 million contract with a major Asian Navy for a combination of OceanTRx 4 and OceanTRx 7 maritime satcom terminals, and associated soares.

This order represents the tenth Navy to select Orbit's OceanTRx product line, and the fourth in the last nine months. Since its introduction in 2015, OceanTRx has become the leading terminal in the large cruise ship segment, a top choice for offshore platforms and critical data links, and now the growing choice for Navy applications.



Sample navy ships courtesy of Wikimedia Commons



Strong Maritime Presence

ORBIT COMMUNICATIONS REPORTS RECEIVING AN ORDER FROM A LEADING EUROPEAN INTEGRATOR FOR INNOVATIVE MILITARY MARITIME SATELLITE COMMUNICATION SYSTEMS FOR A TOTAL OF APPROXIMATELY \$3.1 MILLION.

Orbit's OceanTRx4 Mil Maritime systems will provide continuous satellite connectivity at a variety of frequencies to leading regional naval fleet vessels

Netanya, Israel, April 1, 2021 – Orbit Communications Systems Ltd. (TASE: ORBI), a leading global provider of maritime and airborne satcom terminals, tracking ground station solutions, and mission-critical airborne audio management systems announced today that it has received an order from a new customer, a leading European integrator, for OceanTRx4 Mil satellite communications systems for new naval military platforms for a total of approximately \$3.1 million. Delivery of the systems, which will provide the fleet with continuous satellite broadband connectivity, is expected to begin during 2022.



Orbit Communications reports receiving an order from Airbus, a leading European integrator for innovative military maritime satellite communication systems for a total of approximately \$1.4 million.

Orbit's OceanTRx4 Maritime systems will provide continuous satellite connectivity at a variety of frequencies to leading regional French naval fleet vessels

Netanya, Israel, June 30, 2021 – Orbit Communications Systems Ltd. (TASE: ORBI), a leading global provider of maritime and airborne satcom terminals, tracking ground station solutions, and mission-critical airborne audio management systems announced today that it has received a repeat order from Airbus, a leading European integrator, for OceanTRx4 satellite communications systems for new French naval military vessels for a total of approximately \$1.4 million. Delivery of the systems, which will provide the fleet with continuous satellite broadband connectivity, is expected to begin during 2021



Strong Maritime Presence

05.07.2021

אורביט קיבלה הזמנה למערכות תקשורת לוויינית בהיקף של כ-<u>6.3</u> מיליון דולר

ההזמנה היא עבור פלטפורמה צבאית ימית מאינטגרטור אירופאי מוביל הכוללת מסוג OceanTRx4 Mil מערכת מסוג

מערכות ה-OceanTRx4 Mil תספקנה קישוריות לוויינית רציפה במגוון תדרים לספינות צי מערכות ה-OceanTRx4 Mil תספקנה החברה דיווחה על קבלת הזמנות למערכות תקשורת לוויינית מסוג מסוג באירופה. מסוג OceanTRx בסך של כ- 16.9 מיליון דולר

אורביט טכנולוגייס (תיא: ארביט) מובילת שוק בפתרונות לניהול קשר ושמע במערכות מוטסות, טרמינלים לתקשורת לוויינית מוטסת וימית הודיעה היום על עסקה משמעותית במסגרתה קיבלה הזמנה מלקוח שהינו אינגרטור אירופאי מוביל, למערכות תקשורת לוויינית מסוג OceanTRx4 Mil עבור פלטפורמות צבאיות ימיות חדשות באירופה בסך כולל של כ-6.3 מיליון דולר.

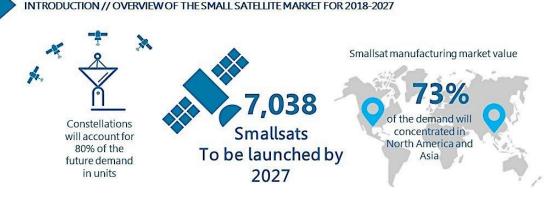
אספקת המערכות, אשר יסופקו לצי האירופי קישוריות לוויינית רציפה על גבי פס רחב, צפויה להתחיל במהלך 2023. המערכות הנ״ל יתווספו למערכות מערכות של אורביט שכבר קיימות באוניות הצי ומחזקת את אחיזתה של אורביט כמובילה בשוק זה.

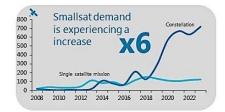


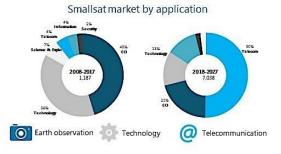


Ground Stations – New Space

Ground Stations – New Space Opportunities











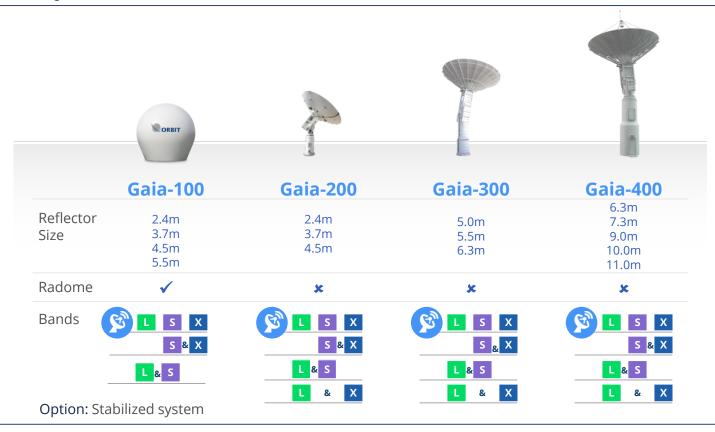
High demand for data drives

Growing demand for Connectivity

Orbit providing **Ground Stations**for New Space



Gaia family





Earth Observation







End Users









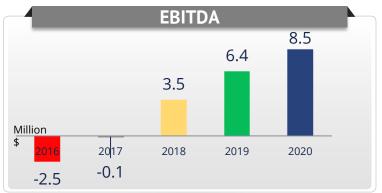






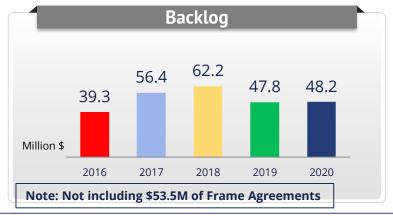
Financial Review

Revenue, Ebitda, Net Profit, Backlog 2016-2020





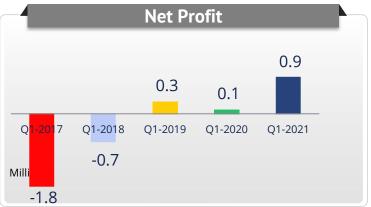




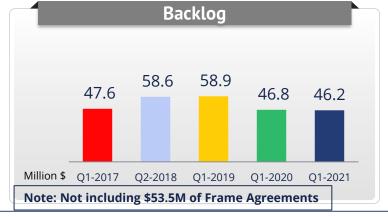


Revenue, Ebitda, Net Profit, Backlog 2017-2021 (Q1)





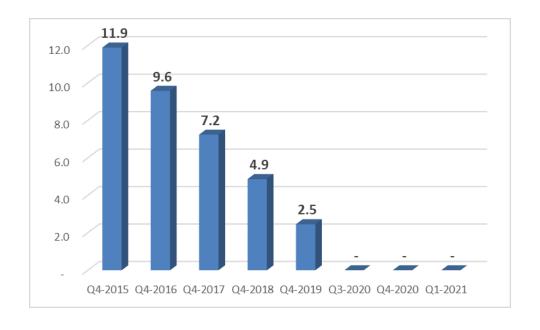








Debt declined (Million \$) Bonds



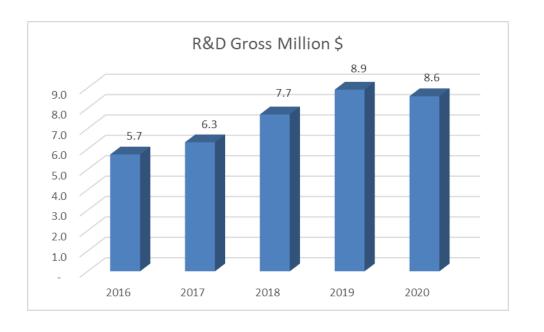


Growth in Equity





R&D Gross 2016-2020





Balance Sheet (Million \$)

ASSETS	31.12.17	31.12.18	31.12.19	31.12.20	31.03.21	
CURRENT ASSETS						
Cash and cash equivalents & Sort-term deposits	13.3	12.0	17.4	23.6	24.4	
Accounts receivable	10.8	10.6	12.2	11.5	8.3	
Inventories	7.8	7.5	7.3	5.7	5.7	
Amounts due for construction contracts	4.8	4.4	3.6	5.1	8.1	
NON-CURRENT ASSETS						
Fixed assets	3.5	4.9	8.9	8.5	8.3	
Intangible assets	5.2	5.8	5.8	5.5	5.5	

LIABILITIES AND EQUITY	31.12.17	31.12.18	31.12.19	31.12.20	31.03.21
CURRENT LIABILITIES					
Current maturities of convertible bonds	2.4	2.4	2.5	-	-
Other accounts payable	9.0	10.9	11.2	13.7	13.3
NON-CURRENT LIABILITIES					
Convertible Bonds	4.8	2.4	2.5	-	-
Equity	22.3	23.3	30.9	35.7	36.6





Thank You