INMARSAT MARITIME

UPDATE 2021 @ MARIKO GMBH

INNOVATIONSFORUM MARICONNECT

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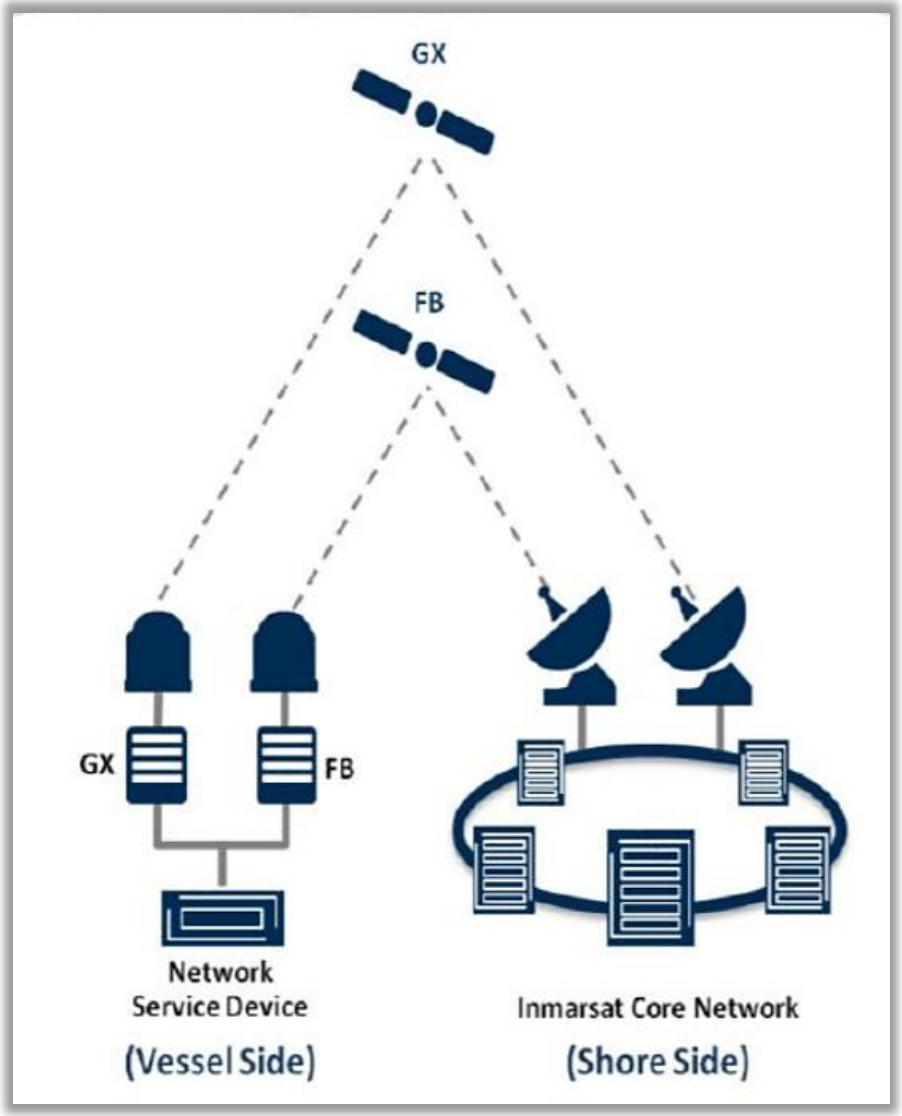
FLEET XPRESS

TODAY ACTIVE ON 12.000 SHIPS - 2021

OPENS UP NEW LEVELS OF CONNECTIVITY AND EXCEPTIONAL PERFORMANCE ACROSS THE WORLD'S OCEANS

- Unique combination of KA-band (Global Xpress or GX) and L-band (FleetBroadband or FB) services
- Utilizes Inmarsat-5 constellation of KA-band satellites and the Inmarsat4 L-band satellites
- Switching between Global Xpress and FleetBroadband is managed by the Network Service Device



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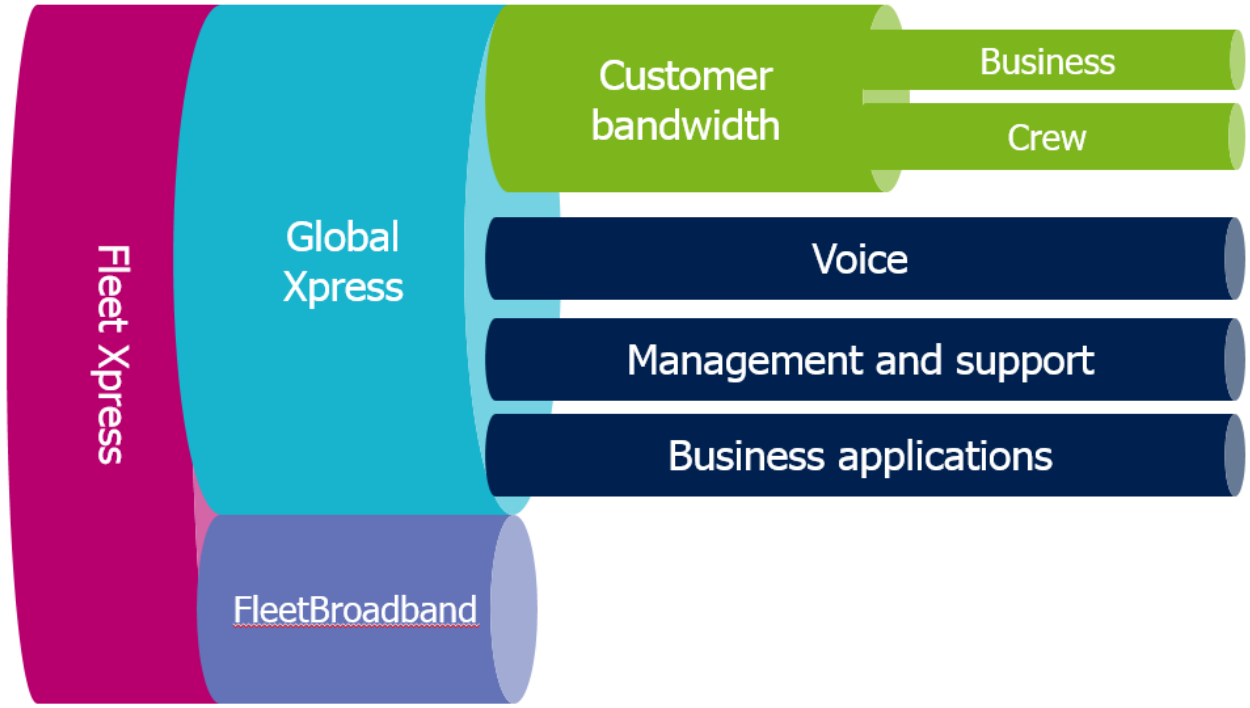
BANDWIDTH SERVICES



- Customer bandwidth dedicated for customer use
- Voice service is separate from customer bandwidth
- Site management and support for service assurance separate
- Separate bandwidth for third party business applications
- Unlimited FleetBroadband back-up
- No Restrictions on Data usage

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Network Evolution

02 FLEET XPRESS

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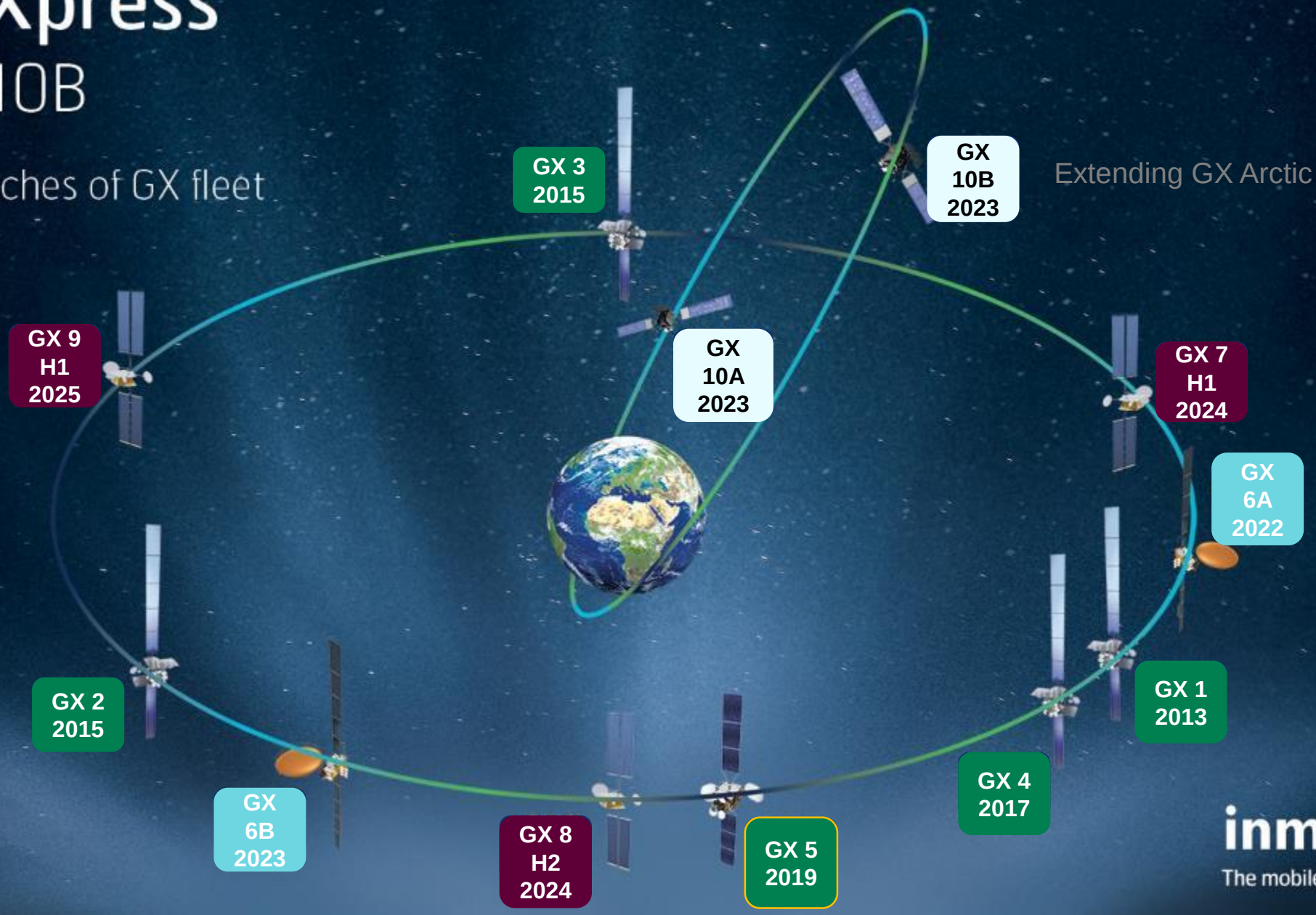
Global Xpress

GX1 - GX10B

Scheduled launches of GX fleet

Extending GX Arctic coverage



Please note that these are indicitive positions

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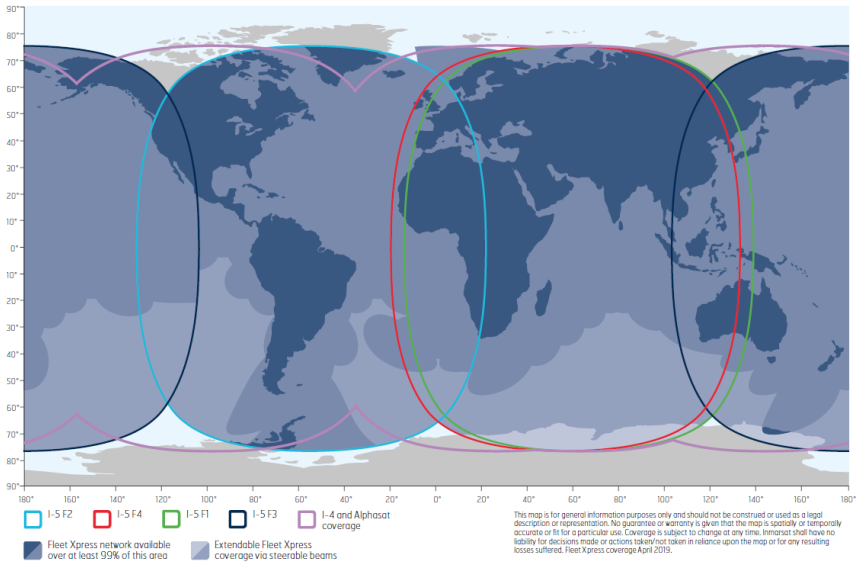
The mobile satellite company

FLEET XPRESS EVOLUTION

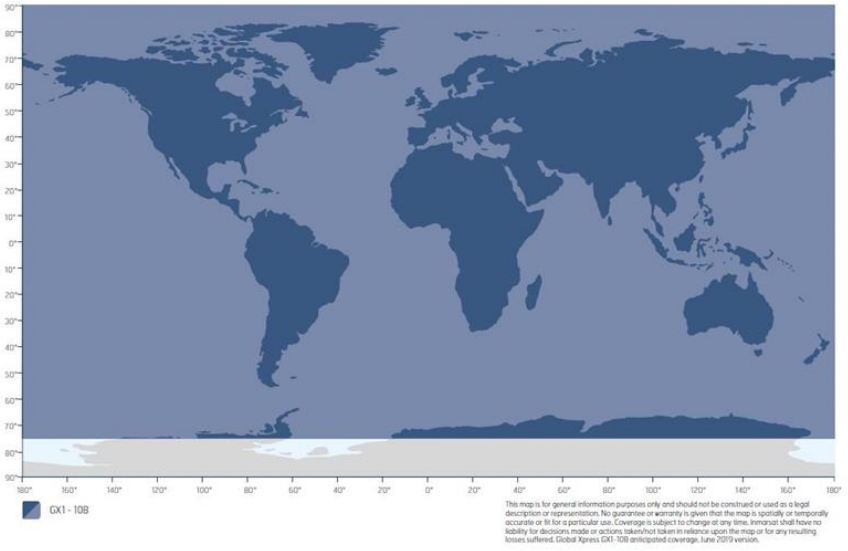
7 NEW SATELLITES PLANNED UNTIL 2024

GX the only high throughput satellite constellation providing global coverage.

- GX 1 - 5 in Orbit
- 2 x I6 Satellites (2022-2023)
- GX 10 A & B (2023)
- GX 7,8,9 (2024-2025)



Global Xpress
GX 1 -10 B 2023 anticipated coverage



03
What Next

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ORCHESTRA

THE COMMUNICATIONS NETWORK OF THE FUTURE

CONNECTIVITY IN HARMONY

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ORCHESTRA

The communications network of the future will deliver unprecedented performance and enable ground-breaking new services in new places for global mobility customers.

A unique, multi-dimensional, dynamic mesh network

ELERA
A critical layer of always-on connectivity with ultra-reliability with all-weather resilience.

GLOBAL XPRESS
Reliable, high-speed, global coverage with security and full redundancy.

TERRESTRIAL 5G
Low latency, ultra-high capacity – plus the power of dynamic wireless mesh networking to extend high-speed reach further from shore.

LEO SATELLITES
Complementary constellation layering additional high capacity over further high demand areas.

ORCHESTRA

NOTIONAL TIMELINES

GX layer will be augmented by:

- GX6A and GX6B (steerable beams) in 2022-2023
- GX10 (polar constellation) in 2023
- GX7-8-9 (fully programmable digital beams) in 2024-2025

Compared to current capacity (GX1-5), 10x increase of capacity vs existing with a high degree of flexibility-resiliency to deliver it where and when needed (no LEO can match this) with **backward compatibility** to existing Antenna's

Deployment of SDWAN & SDN-C: H1 2023

- First maritime mesh shore-side network in key locations: mid 2023
- LEO Constellation : deployment in 2027-2029 (investment decision in 2025 but full design completed in 2024)

Existing FX installs can be upgraded with new FE software and with additional UTs as they become available

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Thank you

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