

# CONNECTIVITY

**VBH** CONTENT &  
CONNECTIVITY



'VBH is specialized in integrating luxury technology on board superyachts'

We believe the ultimate luxury is custom innovation, turning your dreams into reality. By developing user-friendly innovations for all on board, we create new experiences for the yachting lifestyle.

# CONNECTIVITY SERVICES

**VSAT** - billing for high-speed bandwidth/month.

VSAT is most beneficial for yachts. Unlimited data at high speeds.

Speed: 8.000 kbps and more

**FBB** - billing for data bundle/month. Used as backup to the VSAT.

Limited speed and limited data, used for basic communication.

Speed: up to 450 kbps

**Iridium** - billing per minute. Used where no VSAT/FBB available.

Very limited speed and high data costs, used for most necessary communication.

Speed: 2,4 kbps

**4G** - billing for data bundle/month.

(only available no further than 10-15 nautical miles from shore)

Speed: 20.000 kbps

# COVERAGE EXAMPLES

Areas: Greenland, Gulf of Mexico, Caribbean Sea, Mediterranean Sea, Arabian Sea, Seychelles, Indian Ocean ( Partly), Philippines, Hawaii, Galapagos Islands & between Ushuaia-Antarctica

Unlimited Data. Speed: 2048/768

WhatsApp: Yes / Social Media: Yes

Contract commitment: 12 months

Service=VSAT

Areas: North-West Passage, Alaska, Easter Islands, French Polynesia, South Georgia Island, Antarctica.

Limited Data. 25MB / month. Limited speed. 450kbps

WhatsApp: Yes / Social Media: Would be limited & expensive- Not advisable

Contract commitment: 1 month

Service=FBB

Areas: North-pole, South-pole, Antarctica

Iridium

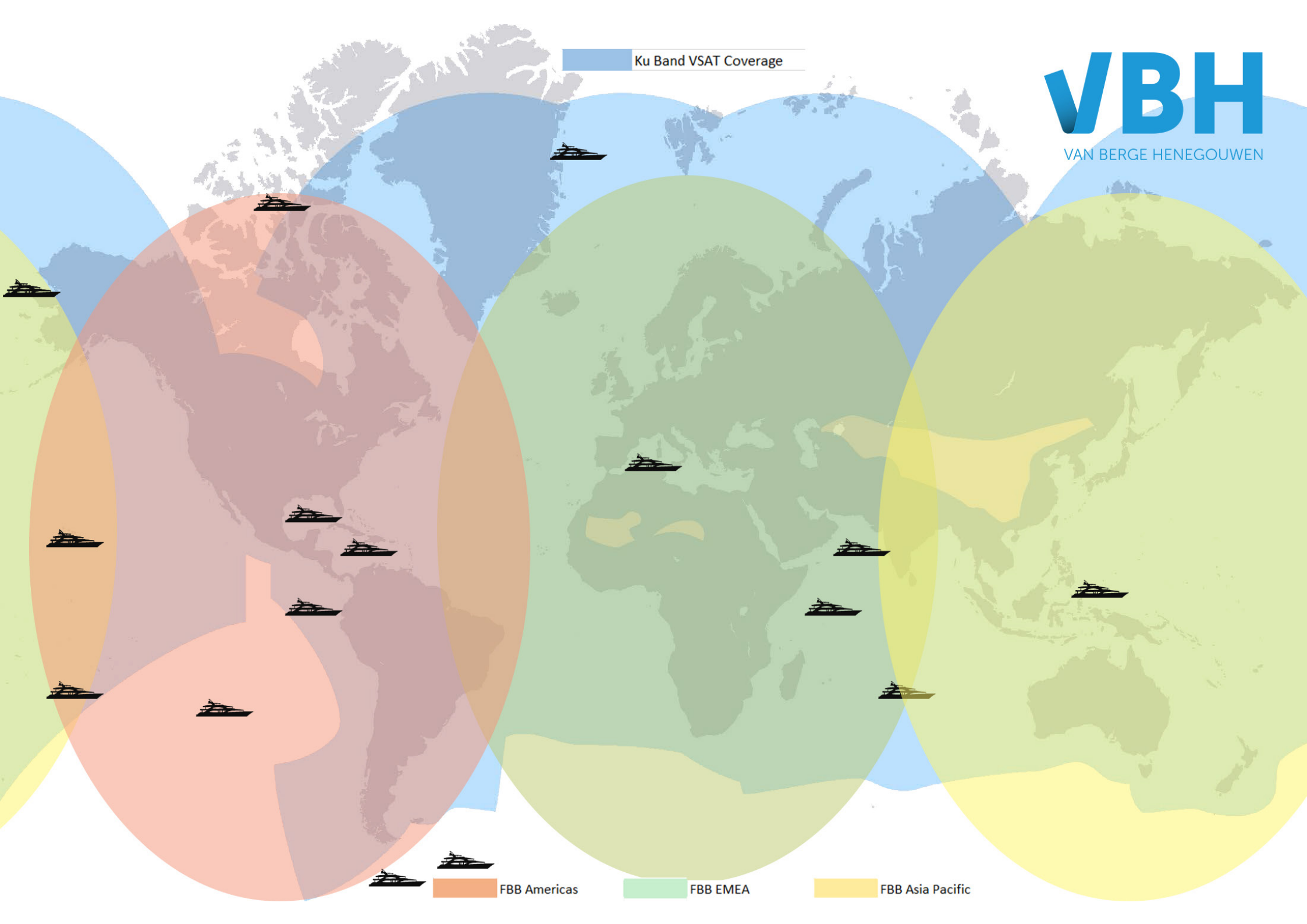
Very limited data. Very limited speed (2,4 kbps).

WhatsApp: Yes / Social Media: No

Contract commitment: 12 months / pay per used minute

Service=Iridium

Ku Band VSAT Coverage

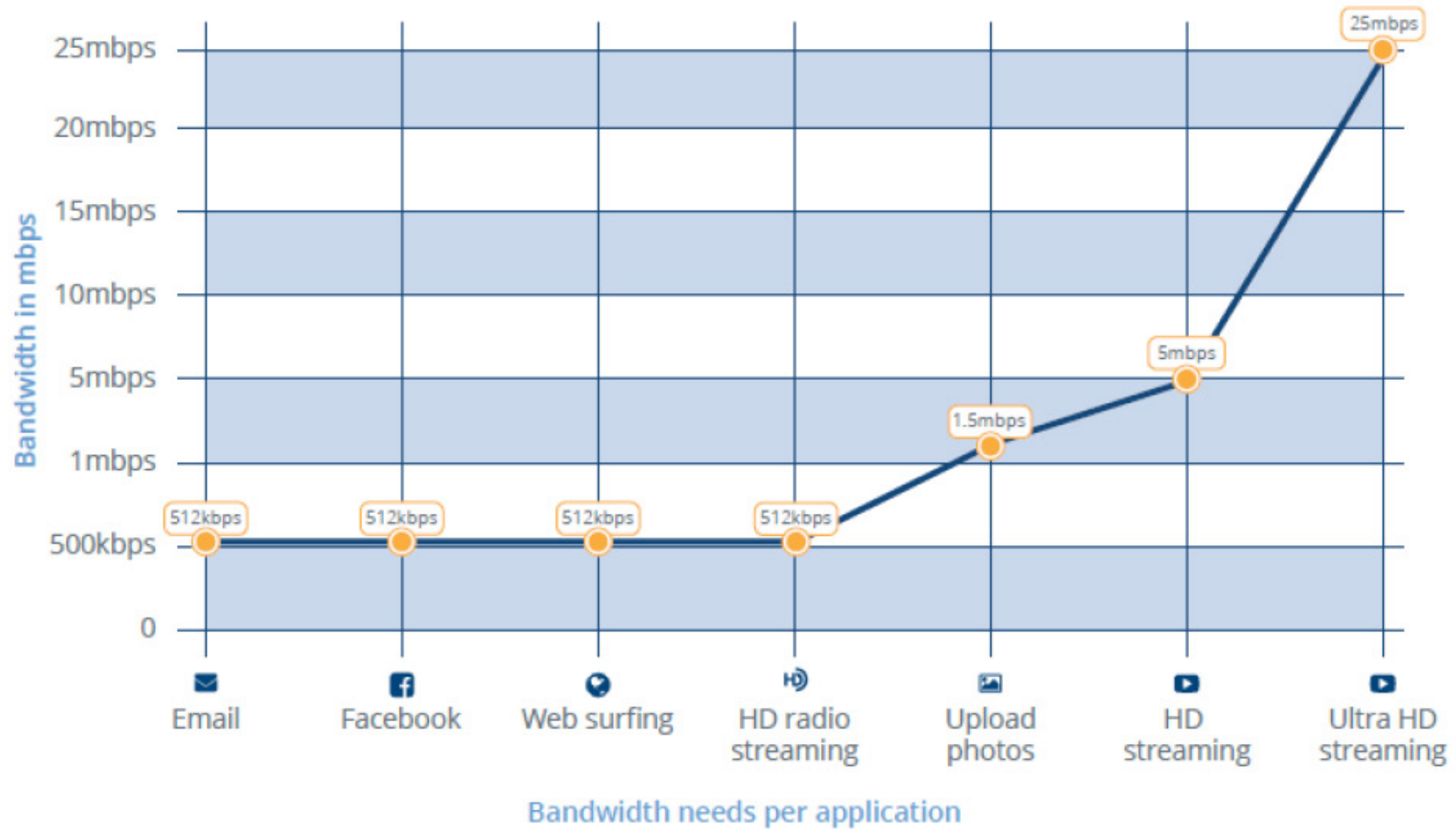


FBB Americas

FBB EMEA

FBB Asia Pacific

# BANDWIDTH REQUIREMENT INDICATIONS



# BANDWIDTH CALCULATION

## Example

Concurrent Online Activities	Down	Up
Guest 1 Using Facebook	50	50
Guest 2 Emailing some pictures to family at home	0	100
Guest 3 Having a Skype video call conference	384	381
Guest 4 Having a Skype voice-only call	80	80
Guest 5 Watching IPTV	500	0
Captain is updating navigation maps and checking weather	50	50
Crew 1 Web surfing	50	50
<hr/> Total Bandwidth Needed	1214	714

# VBH

VAN BERGE HENEGOUWEN

VBH Head Office  
Amsterdam  
+31 20 799 3700

VBH France  
Antibes  
+33 49 3653 393

VBH USA  
Fort Lauderdale  
+1 954 281 8244