# INMARSAT $\mathbf{V}$ Interim Results 2017

### Interim Results 2017

3 August 2017





### Mid-year review

Rupert Pearce Chief Executive Officer





### Market context

#### **Structural Change**

#### **Demand Side**



- Will remain a key feature of our industry
- Significant potential investment from existing operators and new players
- Will help to capture new growth opportunities

- Rise of a digital society, powered by the "Internet of Things"
- Sizeable new markets will need satellite communications and technology
- Shift towards managed services and solutions

 Risk of over-capacity remains in certain geographies and for specific technologies

Supply Side

 Likely requirement for more usable capacity in certain mobility markets





- Driving into new satellite broadband markets in mobility
- Re-positioning L-band network for next generation "Internet of Things" opportunities



### Our strategy

### Grow and diversify by serving the Digital Society with our **unique capabilities**



Driven by our unique position in **mobility** in **Maritime, Government, Aviation** and **Enterprise** 



### Operational Review - H1 2017

Continued focus on operational execution in challenging markets

- Second provide states and second states and s
  - GX generated revenue of \$60m in H1 2017, including \$28m in Q2 2017

#### > Maritime

 Against tough comparator in Q2, strong growth in higher bandwidth services and resilient L-band revenues, with legacy product continuing to decline

#### > Government

 Continued outperformance, reflecting material new business win, particularly impacting Q2, first CSSC revenue, increased Boeing revenue & ongoing higher operational tempo

#### > Aviation

 Sustained double digit revenue growth in Core business and further positive momentum in In Flight Connectivity, with Avianca and Qatar contract wins, and service with Deutsche Lufthansa Group going live

#### > Enterprise

- Growth in M2M but continuing difficult markets otherwise

### Maritime - the market opportunity

#### 2017

#### Small vessel market

- Inmarsat products: Fleet One
- Market size: 690,000 vessels
- Market value: c.\$750m

#### **Mid-market**

- Inmarsat products: FleetBroadband
- Market size: 60,000 vessels
- Market value: c.\$540m

#### VSAT / high bandwidth

- Inmarsat products: XpressLink, Fleet Xpress
- Market size: 20,000 vessels
- Market value: c.\$500m

Fleet One medium to long term "upsell"

FleetBroadband migration to Fleet Xpress

Market share

opportunitv

#### 2020's

#### Small vessel market

- Forecast market size: 725,000 vessels
- Potential market value: c.\$780m



#### **Mid-market**

- Forecast market size: 50,000 vessels
- Potential market value: c.\$450m

#### VSAT / high bandwidth

• Forecast market size: 40,000 vessels

Market share

opportunity

Potential market value: c.\$1bn

**MAERSK LINE** 

Source: Inmarsat, Clarksons, Euroconsult, Futurenautics NB All estimated market sizes are retail



### Maritime – progress in H1 2017

Driven by continued demand for higher bandwidth services

	L-band	Ka-band	
Fleet One <ul> <li>Over 2,000</li> </ul>	Fleet BroadBand <ul> <li>A solid performance, despite</li> </ul>	Fleet Xpress <ul> <li>&gt; Installation programme ahead of schedule, with over</li> </ul>	r
<ul> <li>vessels now installed</li> <li>Building new business pipeline for future growth</li> </ul>	<ul> <li>weak market conditions</li> <li>On-going customer migration to Fleet Xpress – ARPU-accretive for the Maritime business</li> <li>Customers continue to take higher value packages</li> </ul>	<ul> <li>1,300 vessels now installed</li> <li>Margin benefits from migration to Ka-band expected come through</li> <li>Future commitments on over 10,000 vessels</li> <li>Strengthened internal installation capability</li> <li>Market-leading distribution network, further enhance by Satlink commitment, signed in Q1 2017</li> </ul>	

Fleet One medium to long term "upsell"

FleetBroadband migration to Fleet Xpress



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Business & General Aviation and Safety & Operations Services market

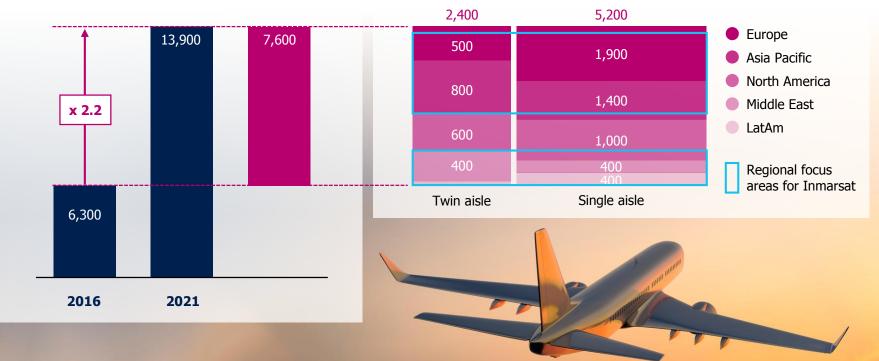




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Growth in connected aircraft

Regional split of new expected connected aircraft





### The European Aviation Network

On track for commercial deployment in Q4 2017

EAN Proposition vs current IFC offerings	Response to recent competitor claims
> Higher capacity	> Inmarsat is delivering EAN in accordance with framework
> Wider coverage	established by European laws and implemented by national regulatory authorities
> Faster speeds	<ul> <li>Competitor claims are entirely without merit and fundamentally misconceived</li> </ul>
> Lower latency	
> Quicker and easier terminal installation	> No basis to challenge our use of the MSS spectrum
> Lower cost per bit	<ul> <li>All MSS regulatory authorizations received and issuance for remaining CGC licenses in final stages</li> </ul>
> Quicker and easier network expansion	> On track for commercial deployment in Q4 2017



### Aviation – progress in H1 2017

Strong growth continues

#### Business & General Aviation Safety & Operational Services

- > Continued double digit revenue growth in SwiftBroadband and Classic Aero
- > Over 17,000 terminals now connected
- > Continued high customer usage of SwiftBroadband
- > 64 JetConnex terminals now installed
- > JetConnex now linefit certified with 4 leading OEM's

#### In-flight connectivity services for Commercial Aviation

- > Qatar Airways and Avianca contracts won in Q2 2017
- > Over 1,200 signed aircraft under expected contract
- > Active new business pipeline of 3,000 aircraft
- Increasing focus on installation programmes for customers
- > 101 aircraft installed for Deutsche Lufthansa Group
- > Launch of Inmarsat-S EAN satellite



### Government – the market opportunity

\$1,600 \$1,400 \$1,200 \$1,000 \$Millions USD \$800 \$600 \$400 \$200 S-2018 2015 2016 2017 2019 2020 2021 2022 2023 2024 2025 COTM UAVs COTM Aeronautical COTM Land-Mobile COTM Maritime COTP Fixed VSAT Bulk Leasing Source: NSR

#### Government/military satcom global capacity revenues

#### **Key Drivers:**

Major events | Budgets | Technology | Contract wins



### Government – progress in H1 2017

#### US

Boeing partnership

CSSC contract ramping up

New contract wins – driven by renewed emphasis on direct sales

Involvement in FirstNet consortium win



#### International

Higher operational tempo continues in one region

Continued focus on geographic diversification - over 30 countries served

Longer term opportunities in China and India



### Enterprise – the market opportunity

Core Connec	tivity Markets		Future markets	
Oil & Gas	Mining	Intelligent transport	Smart Agriculture	e2e logistics
				112
Media	Aid & NGO	Smart Cities	Smart grids	E-government



### Enterprise – progress in H1 2017

#### Legacy products remain under pressure in the short term

- > Impacted by challenging and competitive markets, in particular BGAN
- > On-going decline in customer demand for GSPS
- > Fixed to mobile impacted by continued migration to VOIP
- > Re-focused approach gaining new business traction

#### Focused on "Internet-of-Things" opportunities in the long term

- > Positive growth trajectory continues in M2M
- > Incubating key potential growth initiatives
- > Further developments in Connected Car proposition
- > Inmarsat involvement in Smart Africa Alliance



### Asset Base Development – progress in H1 2017

Continuing to develop our organizational capability

#### Launch of Inmarsat-5 F4

- > Successful launch with SpaceX
- Provides in-orbit redundancy and additional capacity, as and when required
- > Initially positioned over Europe, Middle East and Indian Sub-continent

#### Design & build of 5th GX

- > Adds depth in capacity to service areas of higher demand, in particular aviation routes
- > Supports our customers in IFC
- > Illustrates constant evolution of GX to capture future growth opportunities – to be launched during 2019
- > Total expected capital investment of c.\$200m, including launch and insurance

#### Investing in our organisational capability

- > Building a strong functional backbone to support the business
- Improving our organisational capability
   IT, Cyber, Finance, People, Digital, Operations, Product Development
- > Utilising best practice to drive innovation
- > Creating efficiencies over time

### H1 2017 performance - summary

Strong progress against our key priorities for 2017

X

#### Maritime

Drive FleetBroadband ARPU and value, progress Fleet Xpress migration from Xpress Link, scale Fleet Xpress and Fleet One, CAP programme

#### Aviation

Continue to grow BGA & SOS services. Drive installation rates and win further customers in IFC. Ensure EAN is operational during H2 2017, including launch of Sband satellite in Q2 2017

#### Government

Internationalise, diversify and innovate to deliver further value to key government customers. Deliver WGS and MUOS interoperability

#### Enterprise

Focus on M2M, innovation and sectorisation. Grow new market segments, address challenging markets and escalate planning for medium to long term opportunities





Maintain high service and connectivity levels for L-band and GX customers, deliver successful launch of I-5 F4 satellite in Q2 2017

#### Organisational capability

Continue investment in global functional transformation programmes to drive efficiency and effectiveness



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### **Financial Review**

Tony Bates Chief Financial Officer





Change 25.6 (32.8) (7.2) (11.6) (18.8) (2.0) (20.8) 1.6

(13.9) (33.1)

(82.0)

### Group Income statement – H1 and Q2 2017

\$m	H1 2017	H1 2016	Change		Q2 2017	Q2 2016	
Revenue	688.2	629.0	59.2		356.0	330.4	
Operating costs	(311.7)	(260.6)	(51.1)		(161.0)	(128.2)	
EBITDA	376.5	368.4	8.1		195.0	202.2	
Depreciation & Amortisation	(192.3)	(174.5)	(17.8)		(96.2)	(84.6)	
Operating profit	184.2	193.9	(9.7)		98.8	117.6	
Adjusted net financing costs	(50.2)	(39.5)	(10.7)		(23.7)	(21.7)	
Adjusted profit before tax	134.0	154.4	(20.4)		75.1	95.9	
Тах	(24.2)	(32.0)	7.8		(17.5)	(19.1)	
Change in value of derivative	(72.2)	-	(72.2)		(13.9)	-	
Profit after tax	37.6	122.4	(84.8)		43.7	76.8	
Free cash flow	21.5	218.2	(196.7)		3.7	85.7	
DPS (cents)	21.6	20.6	5.0%	_			



### H1 2017 Business Unit Summary

Maritime (\$m)	2017	2016	Government (\$m)	2017	2016
Revenue	278	290	Revenue	188	141
Direct Costs	41	42	Direct Costs	28	18
Gross Margin	237 85%	248 86%	Gross Margin	160 85%	123 87
Indirect Costs	17	21	Indirect Costs	22	22
EBITDA	220 79%	227 78%	EBITDA	138 73%	101 72

Enterprise (\$m)	2017	2016
Revenue	62	73
Direct Costs	9	9
Gross Margin	53 85%	64 88%
Indirect Costs	9	10
EBITDA	44 71%	54 74%

Central Services (\$m)	2017	2016
Revenue	70	62
Direct Costs	7	2
Gross Margin	63	60
Indirect Costs	139	119
EBITDA	(76)	(59)

87%

72%

2017	2016
90	65
8	2
82 91%	63 97%
31	18
51 57%	45 69%
	90 8 82 91% 31

Group (\$m)	2017	2016
Revenue	688	629
Direct Costs	94	71
Gross Margin	594 86%	558 89%
Indirect Costs	217	190
EBITDA	377 55%	368 59%



### Maritime Results – H1 2017

- > VSAT revenue up \$9.7m, 19.5%, to \$59.7m
  - FX installation rate ramping up assisted by partners
  - Now 3600 ships, increasing order book
  - ARPU lower due to increasing impact of distribution agreements
- > Decline in FleetBroadband revenue of \$8.3m or 4.5%, to \$175.7m
  - Fewer ships : FX migration and loss (mainly H2 2016)
  - Lower ARPU reflecting migration to VSAT, lower F2M etc
- > Other, mainly legacy products, fell by \$12.7m or 22.8%, to \$43.0m
- > EBITDA \$6.7m lower:
  - Revenue impact
  - Bad debt provisions (may reverse)
  - Underlying indirect costs little changed





### Maritime Revenue trends

			2	016					2	017	
\$m	Q1	Q2		Q3		Q4		Q1		Q2	
VSAT (XL and FX)	24.8	25.2	17%	25.2		27.8		29.2		30.5	22%
FleetBroadband	89.7	94.3	64%	92.9		91.3		87.8		87.9	63%
Other (mainly low margin and legacy)	28.6	27.1	18%	24.8		23.7		22.1		20.9	15%
Total Maritime Revenue	143.1	146.6	100%	142.9		142.7		139.1		139.3	100%
FBB	Q1	Q2		Q3		Q4		Q1		Q2	
To VSAT		(0.3)	(0.2)	1	(0.2)		(0.3)		(0.4)		
Other		4.8	(1.2)		(1.5)	$\mathbf{A}$	(3.2)		0.5		
Total		4.6	(1.3)		(1.7)		(3.5)		0.1		
VSAT	Q1	Q2		Q3		Q4		Q1		/ Q2	
From FBB		0.7	0.4	A*	0.5	×	0.5		0.8	<b>*</b>	
Other		(0.2)	(0.4)		2.1		0.9		0.5		
Total		0.4	(0.0)		2.6		1.5		1.3		

5.

1. Tougher Q2 comparative given FB price increase in Q2 2016

2. Revenue growth Q2 2017 v Q1 2017

4. FB declining slowly, compounded by migration to VSAT

Legacy decline at 20-25% pa continues but impact reducing

7. Material ARPU accretion on FB to FX migration

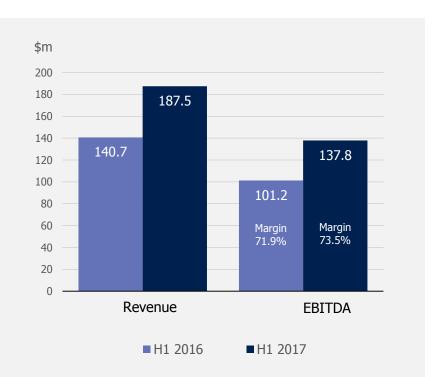
3. Accelerating strong growth in VSAT (in Q2 2017, 21% v PY)

6. FB ARPU increase Q2 2016 not sustained



### Government Results – H1 2017

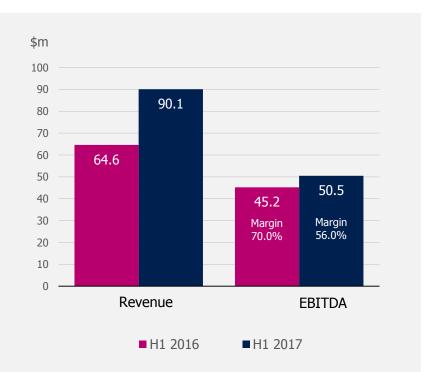
- > Growth in the US
  - Revenue up 57.2%
  - Material new, high margin, contract impacting Q2
  - Boeing ToP contract
  - CSSC contract ramping up
  - FirstNet contract no impact in 2017
- > Growth outside the US
  - Revenue up 4.3%
  - Higher operational tempo continues
- > EBITDA growth of \$36.6m:
  - Revenue impact
  - Indirect costs unchanged





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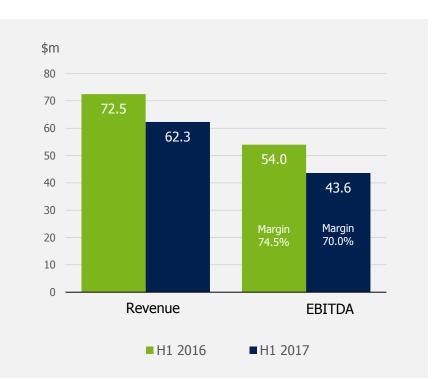
- > Growth in Core BGA and Safety
  - Total core revenues up \$16.9m, (26%) to \$81.5m
  - SwiftBroadband up \$13.3m, (32%), to \$55.2m
  - Classic Aero up \$2.5m, (15%), to \$19.3m
- > Investment in In-Flight Connectivity (GX)
  - Installation revenues of \$8.6m
  - Investment in capability
- > EBITDA growth of \$5.3m:
  - Revenue growth, changing revenue mix
  - Rising indirect costs
- > Cash capex increased by \$45.9m to \$78.9m
  - Inmarsat-S EAN satellite and GX on board equipment





### Enterprise Results – H1 2017

- > Markets continue to be tough
  - Revenue down \$10.2m, (14%) to \$62.3m
- > BGAN -21%
  - Continuing decline (particularly energy & media)
- > GSPS -20%
  - Airtime flat, terminal sales -46%
- > FleetBroadband -29%
  - Oil and Gas users and usage lower
- > FB Fixed to Mobile -29%
  - Structural migration to VOIP
- > M2M +8%
  - Increasing terminal numbers
- > EBITDA declined by \$10.4m:
  - Revenue decline and mix
  - Indirect costs unchanged





### Group Cash Flow

US\$m	H1 2017	H1 2016	Change
EBITDA	376.5	368.4	8.1
Working capital/non-cash items	17.2	49.0	(31.8)
Operating cash flow	393.7	417.4	(23.7)
Capital expenditure	(300.8)	(139.1)	(161.7)
Interest paid	(54.8)	(38.5)	(16.3)
Tax paid*	(16.6)	(21.6)	5.0
Free cash flow	21.5	218.2	(196.7)
Dividends paid	(117.9)	(144.0)	26.1
Other movements	(2.0)	2.6	(4.6)
Net cash flow	(98.4)	76.8	(175.2)
Opening net debt	1,894.8	1,985.8	91.0
Net cash flow	98.4	(76.8)	(175.2)
Other	12.6	14.9	2.3
Closing net debt	2,005.8	1,923.9	(81.9)

Change	Q2 2016	Q2 2017
(7.2)	202.2	195.0
(0.6)	16.3	15.7
(7.8)	218.5	210.7
(70.0)	(100.6)	(170.6)
(5.8)	(27.7)	(33.5)
1.6	(4.5)	(2.9)
(82.0)	85.7	3.7
25.7	(143.6)	(117.9)
0.1	(0.8)	(0.7)
(56.2)	(58.7)	(114.9)
(27.1)	1,857.8	1,884.9
(56.5)	58.7	115.2
1.8	7.4	5.7
(81.8)	1,923.9	2,005.8

\* Legacy tax issue remains open



### **Capital Expenditure**

US\$m	H1 2017	H1 2016	Change	Q2 2017	Q2 2016	Change
Major infrastructure projects	203.5	100.2	(103.3)	127.3	66.3	(61.0)
Success-based capex	53.4	23.1	(30.3)	 23.4	10.5	(12.9)
Other	58.8	34.2	(24.6)	29.0	12.8	(16.2)
Cash flow timing	(14.9)	(18.4)	(3.5)	 (9.1)	11.0	20.1
Total cash capital expenditure	300.8	139.1	(161.7)	170.6	100.6	(70.0)

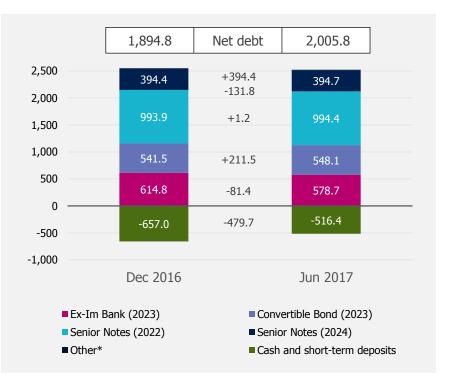
Major infrastructure projects:2017 reflects I-5F4, I-5 F5, and I-6 spend satellite design, build, launch and ground infrastructure costs.Success-based capex:Equipment installed on customer platforms (e.g. ships and aircraft) increasing due to DLH.Other:Primarily infrastructure maintenance, IT and capitalised product and service development costs.

This analysis of capital expenditure is on an accruals basis, with the timing adjustment to cash capex being shown separately, and is exclusive of capitalised interest.



### Net debt

- > \$1,094m liquidity at 30 June
  - Cash \$516m
  - Revolving Credit Facility \$500m
  - Undrawn Ex-Im Facilities \$78m
- Average interest rate on Gross Debt of 4.43% (Dec 2016 4.41%)
- > Leverage
  - Net Debt\* to normally be <3.5x EBITDA</li>
  - 2.5x at 30 Jun (as at 31 Dec 2016: 2.4x)





### **Future Guidance**

#### Remains unchanged

- > 2017 revenue, excluding Ligado, of \$1,200m to \$1,300m
- > 2018 revenue, excluding Ligado, of \$1,300m to \$1,500m
- > EBITDA margin will be adversely impacted by:
  - Addition of lower margin service revenues and higher indirect costs in Aviation IFC
  - Higher central operational delivery costs
- > Capex at \$500m to \$600m per annum for both 2017 and 2018
- > Annual GX revenues at a run rate of \$500m by the end of 2020
- > Leverage to normally remain below 3.5x, compared to 2.5x at the end of HY 2017



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#### Forward looking Statements

This announcement contains "forward-looking statements" within the meaning of the US Private Securities Litigation Reform Act of 1995. These forward-looking statements involve risks, uncertainties and other factors that may cause our actual results, performance or achievements, or industry results, to be materially different from those projected in the forward-looking statements. These factors include: general economic and business conditions; changes in technology; timing or delay in signing, commencement, implementation and performance or programmes, or the delivery of products or services under them; structural change in the satellite industry; relationships with customers; competition; and ability to attract personnel. You are cautioned not to rely on these forward-looking statements, which speak only as of the date of this announcement. We undertake no obligation to update or revise any forward-looking statement to reflect any change in our expectations or any change in events, conditions or circumstances.



### Q&A

Interim Results 2017

