



# Smart Marine Systems Limited (ASX:SM8) Advanced Offshore Streaming Acquisition

Investor Presentation October 2019





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All figures included in this presentation are in AUD\$ unless otherwise stated.





TRANSACTION OVERVIEW





# Acquisition of Advanced Offshore Streaming.

- Smart Marine Systems has agreed to acquire\* Advanced Offshore Streaming ("AOS"), a market leader in remote communications technology
- AOS technology is currently deployed across oil and gas and marine industries globally
- AOS allows secure encrypted HD transfer of video, data and audio from remote locations at much lower bandwidths directly point-to-point without loss
- Allows for operation of Remotely Operated Vehicles ("ROV") from anywhere in the world = reduced offshore personnel
- AOS is successfully operating in offshore environments in Australia, New Zealand and Europe, where it has a number of existing blue-chip clients
- Smart Marine Systems will further deploy the AOS technology through the Clever Buoy and Harvest Technology business which will accelerate market penetration

<sup>\*</sup> Acquisition subject to Shareholder approval





# Acquisition of Advanced Offshore Streaming.

AOS reported (unaudited) revenue

# \$2.5 million (AUD)

with pre-tax earnings of \$0.9M for year end June 30 2019













Remote Control Operations and Data Acquisition





#### Deal structure.

#### Initial Purchase price: \$3.5 million (AUD)

(Initial Cash Consideration)



#### A\$750k

2 x A\$750k Deferred Cash Payments at 12 & 24 months



#### 30,000,000\*

Tranche 1 Deferred Consideration Shares vest at 12 months



#### 30,000,000\*

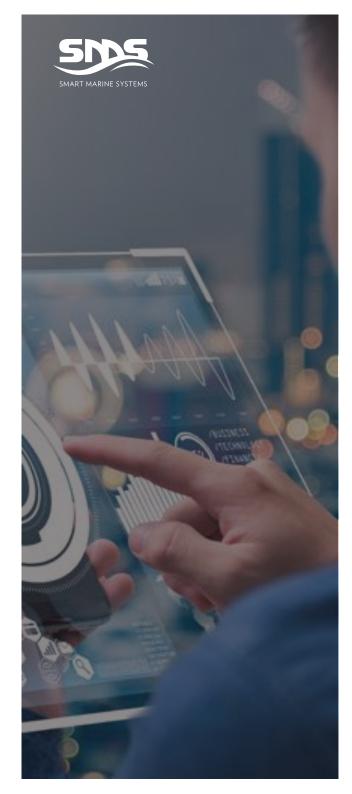
Tranche 2 Deferred Consideration Shares vest at 36 months

Total consideration, if all milestones are met:

A\$6.5M

It is a key Condition
Precedent to the
Agreement that the 2
vendors of AOS enter into
employment agreements
with SM8

\*Deferred Consideration Shares to be issued to be the lesser of 30,000,000 and the total value of A\$750k divided by the volume weighted average price of Shares for the 3 trading days immediately prior to the Settlement





## Strategic rationale



The AOS system allows for real time simultaneous transfers of multiple data types – critical in offshore activities



AOS has specific application for SM8's existing business units:

- Clever Buoy technology where it can ensure real time communication solutions between data buoys and the mainland
- Harvest Technology where AOS significantly improves data transfer capability for subsea and asset integrity risk mitigation activities



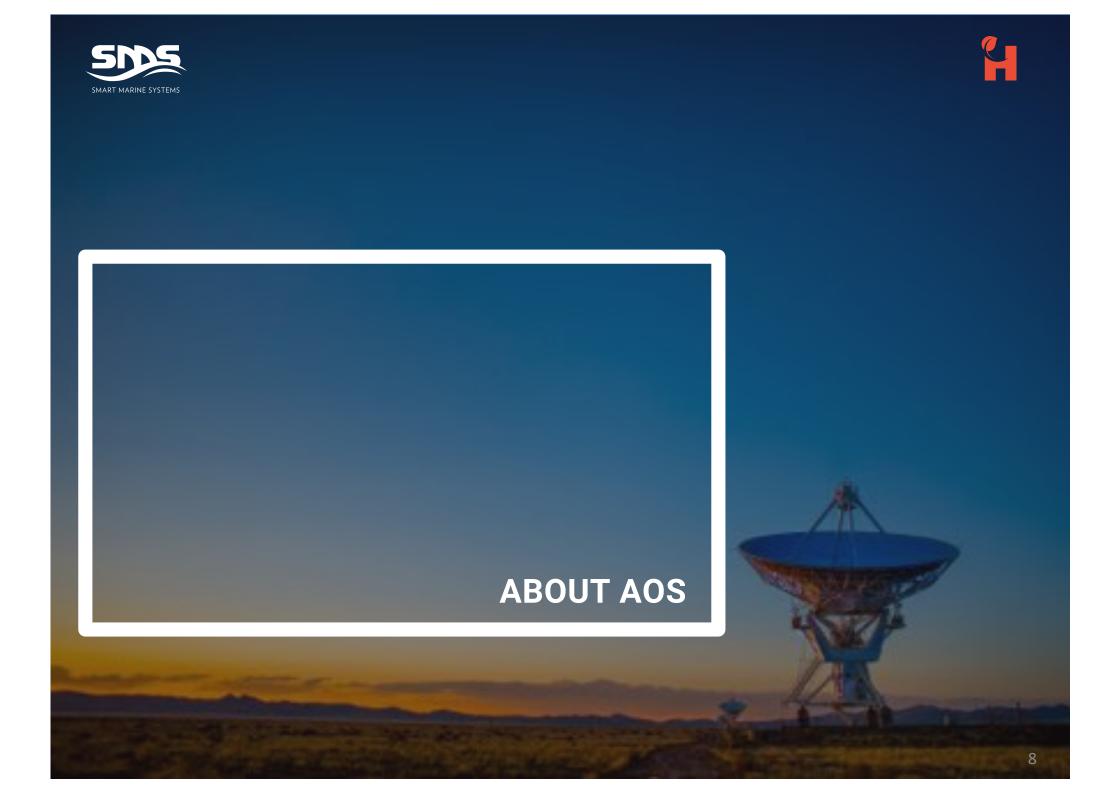
AOS will have the ability to enhance the Company's existing technology and provide business opportunities complementary to the existing operations of the Company

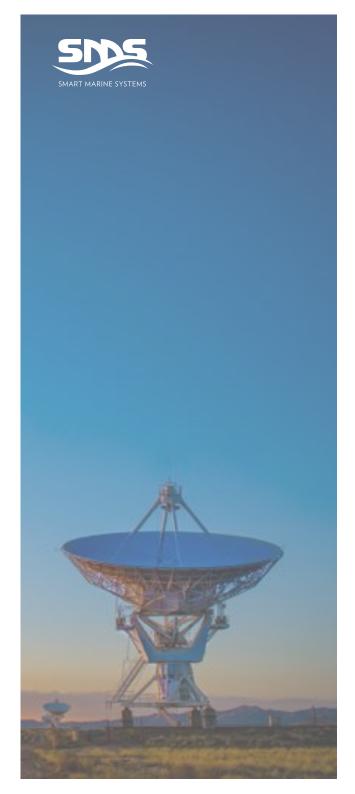


Expanded geographic footprint covering Australia, New Zealand and Europe



Safer operations through reduced offshore personnel exposure







#### **About AOS.**

- AOS has developed proprietary algorithms and computing hardware which enables the transferring of secure, encrypted high definition video, data and audio from remote or satellite locations to single point to point or global multi-cast locations with a dedication to ultra low bandwidth consumption and quality of service
- Technology is currently deployed in remote control, communication, automation and monitoring applications across the global oil and gas and marine industries
- The technology is industry agnostic and can be utilised in mining, defence and agricultural sectors both on land and at sea
- Product range includes Remote Inspection, Monitoring systems, Ultra low bandwidth video / data streaming, Advanced Vessel Management Systems (AVMS), Offshore live streaming buoys, HD Multi-frequency camera and visions solutions and remote area communications systems





# **AOS** products.



**AVR 2.0:** A fully customisable low bandwidth plug and play offshore video and data platform, ready for immediate deployment



**NODECAST:** Simplistic network communications platform, designed for maximum reliability and noisy environments



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#### **REMOTE INSPECTION SYSTEMS:**

System is used to remove ROV inspection teams completely from the vessel into versatile onshore operations centers



self powered Buoys: Self powered deep ocean buoy systems are currently deployed to conduct automated well site monitoring to allow clients to decide the need for vessel intervention



AVMS: The advanced vessel management system is built from the ground up to give project management and engineering an unprecedented overview of asset deployment and status



operations centre design: AOS offers complete remote operations centre design and fitout, with the ability to design software and hardware in house to make your vision a reality

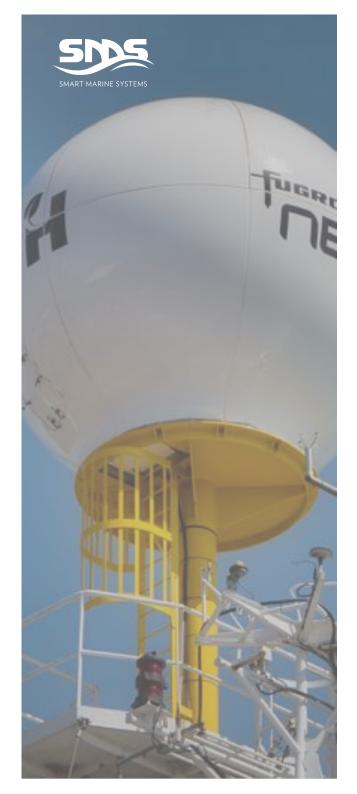




subsea camera systems: New evolution of subsea camera and lighting equipment, combining multiple sensors and new technologies with an unbeatable pricing model



**BESPOKE REMOTE-CONTROL SOLUTIONS:** AOS has designed and developed multiple remote-control systems where remote control was not originally a possibility. An example is our T4 manipulator remote control software





# AOS technology in use.

- AOS technology is used exclusively by Fugro in the Offshore Industry and forms the basis of the Fugro neXt Remote Operations
- Fugro neXt Remote Operations had the "successful first live remote pilotage of ROVs, executed from remote operations control centre in Perth" as part of the 3-year framework contract for Woodside Energy\*
- Remote operations have the ability to remove personnel from hostile locations, offer clients immediate access to data and have the ability to reduce the size of the offshore operating vessel
- The Fugro Remote Operations Centre based at Telstra's Perth International Telecommunications Centre in Gnangara, Western Australia is "A Perth technology innovation hub that is already sending remote-controlled submersibles to the bottom of the ocean now has its sights set on outer space" \*\*

<sup>\*</sup> Fugro N.V. Annual Report 2018

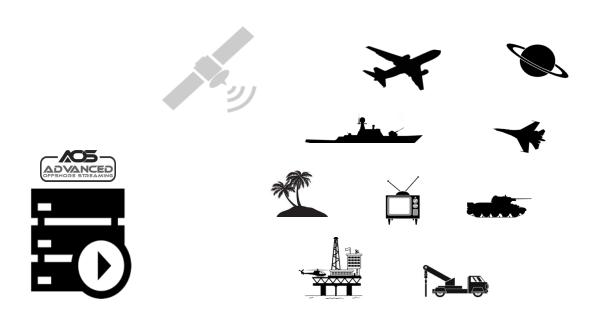
<sup>\*\*</sup> The West Australian - Friday, 4 October 2019





# Future market applications.

- With further development, SM8 believes AOS technology potentially has market application outside the offshore industry such as:
  - Emergency communications
  - Defence applications
  - Airline Industry
  - Satellite Applications
  - Remote land-based communities and operations







#### Market size.

- At present there are ten major oil and gas projects under construction in Australia, with a further nine in the pipeline\*
- This investment activity and the implications for the Australian economy – is significant. The Gorgon, Inpex Ichthys and Wheatstone projects are the three largest private sector projects currently under construction in Australia. All involve offshore gas extraction and LNG production facilities and are worth a combined \$115 billion\*
- Another ten projects involving offshore gas extraction, worth a combined \$58 billion in potential investment, are in the planning phase\*

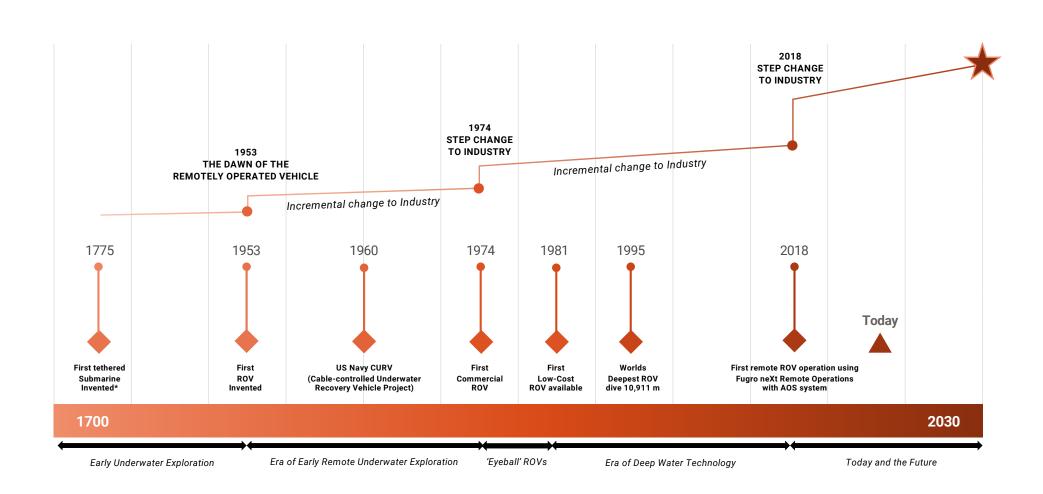


<sup>\*</sup> Source: Geoscience Australia





## Step change to the Remote Subsea Intervention.



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ABOUT SMART MARINE SYSTEMS





## The Group.

Smart Marine Systems is a dynamic technology based solutions provider to the marine, subsea technology, renewable energy and oil and gas sectors.





#### **Clever Buoy**™

Marine monitoring technology and warning system



#### **Harvest Technology**

Offshore Vessels, ROV, Diving and associated support

Dynamic, new and forward thinking

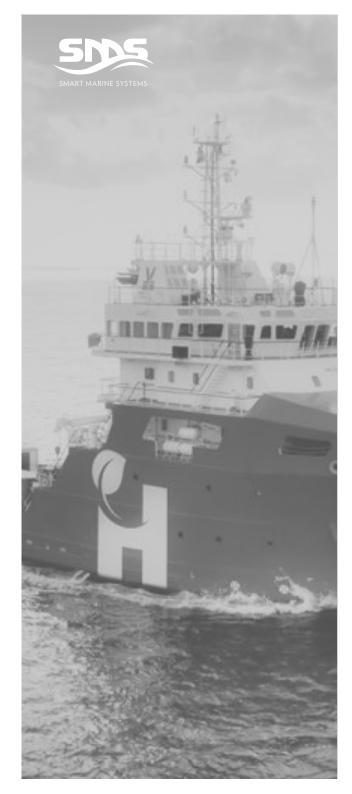
High-performance management team

Marine and subsea industry experience of more than 60 years



### Advanced Offshore Streaming

Remote control, communication, automation and monitoring applications





#### **Harvest Shine.**

- 60m Dive Support Vessel / Offshore Supply Vessel
- Lloyds classed DP2 system & 4-Point Mooring capabilities
- 330m<sup>2</sup> of clear deck and 4.6m draft
- Crane 12t@19m and 24t@18m with 190m of wire
- Project accommodation of 27 with a total of 49 beds
- 481m³ MGO capacity with ~10mt/day @ 11.5kts endurance: ~45 days

Current projects in conjunction with Fugro Collaboration Agreement:

- Tiwi Island Cable Lay Project
- Beach Energy Geophysical/ Geotechnical/Environmental Survey Project







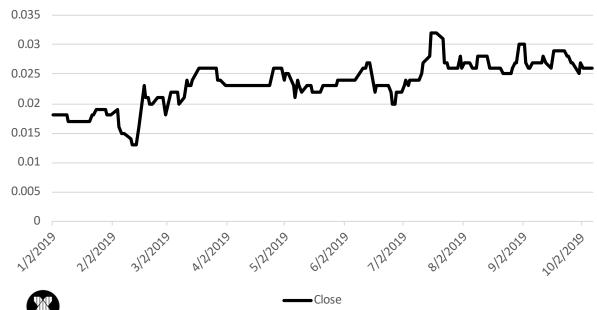






# **Corporate Overview.**

ASX code	SM8
Ordinary shares	307,856,338
Market capitalisation (4 October 2019)	\$8m
Listed on ASX	9 May 2016
52 week high	3.3c
52 week low	1.2c









#### **Near Term Growth Drivers.**

- Award of new customer contracts and further strengthening of order book
- Immediate access to new technology
- Expansion into both new markets and key target markets within Energy Sector
- Explore future alliance and joint venture opportunities





# **Experienced Management Team.**



Paul Guilfoyle | Managing Director

Having been involved in a number of senior roles throughout his career and with a proven track record in business transformation, he is well-versed in spearheading strategic shifts within an organisation to drive future competitive advantage and profit performance, and ensure Clients receive top-notch service quality



Colin Napier | Chief Financial Officer

Over 30 years' experience in the accounting profession. Extensive practical experience in sale and purchase of businesses, developing Board and management reports, preparing financial reports, raising debt funding (in excess of \$125M), cashflow projections and control, and capital investment analysis



Linda Shields | Chief Commercial Officer

With over 25 years' experience spanning retail, hospitality, finance, property, marine, oil & gas, and mining industries, Linda Shields has spent the majority of her career in key roles involving marketing services, client relations, business system development and implementation, contract and commercial management



Diranne Lee-Renwick | Chief Technology Officer

Dynamic and experienced professional with a proven background in logistical engineering, technology and software solutions in the Oil and Gas Industry. With over 26 years of direct Subsea Integrity, remote operations and commercial diving throughout Australia, the United Kingdom and the USA and boasts a 14 plus year Operator tenure





# SAFER OPERATIONS THROUGH REDUCED OFFSHORE PERSONNEL EXPOSURE

**Smart Marine Systems Limited (ASX:SM8)** 

Paul Guilfoyle Managing Director

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