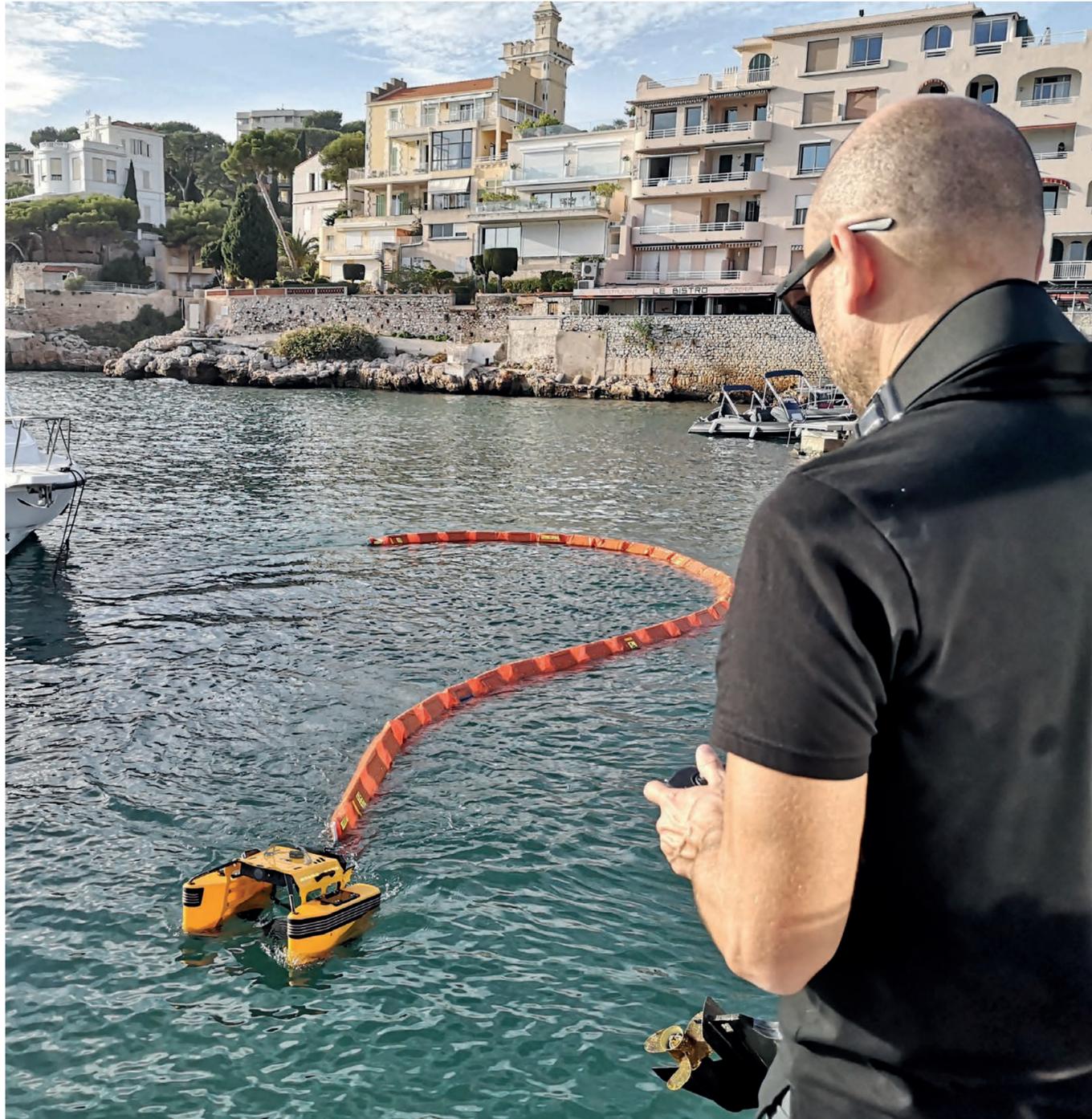




iADYS

Meet the Jellyfishbot LITE in partnership with 

STORYTELLING



iADYS

Interactive Autonomous
Dynamic Systems

X

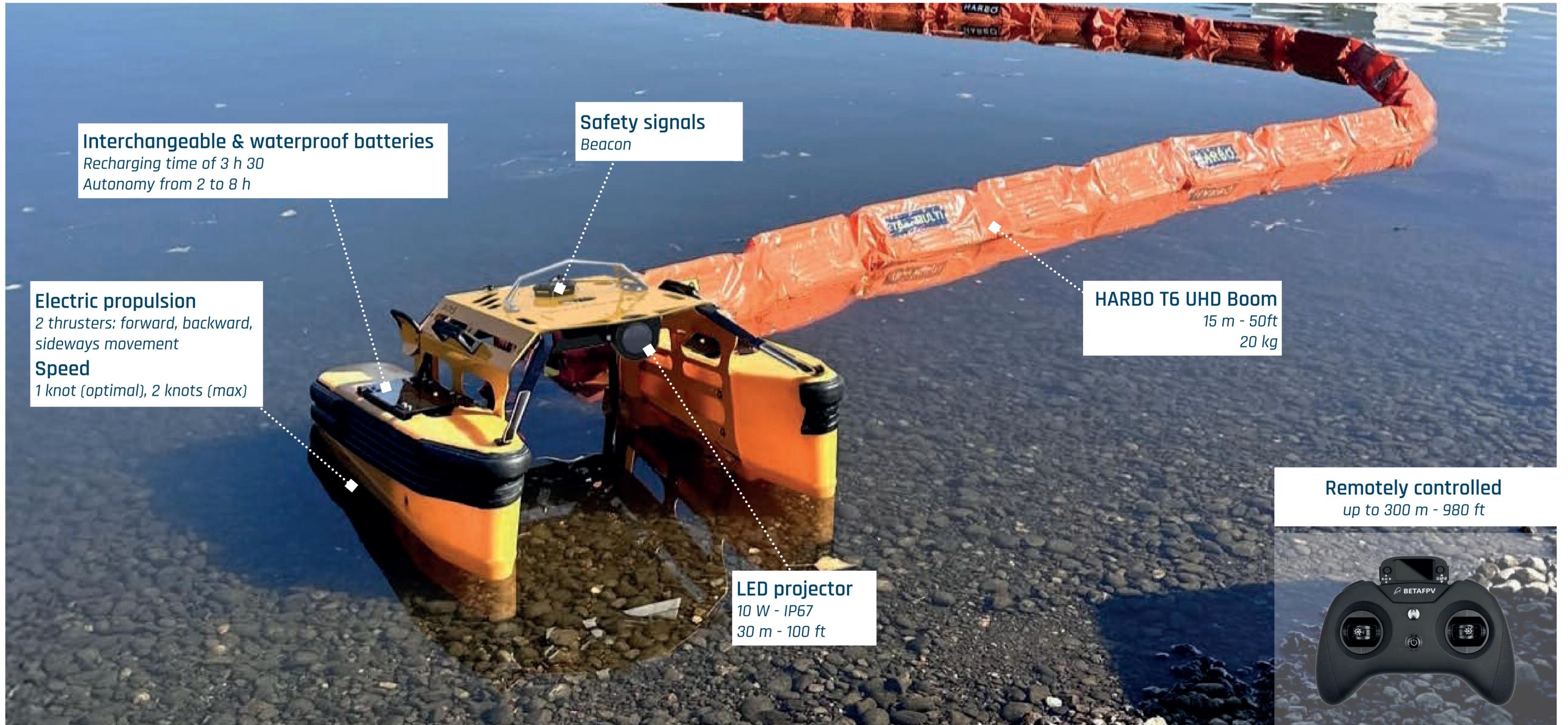
HARBO
INC.

SINCE 2022, IADYS AND HARBO INC. HAVE BEEN WORKING TOGETHER: THE JELLYFISHBOT ROBOT IS PROVING TO BE AN EXCELLENT PLATFORM FOR DEPLOYING THE HARBO BOOMS.

Both companies are happy to announce a new milestone in their partnership—combining IADYS's expertise in robotics and AI with HARBO's leadership in rapid-response spill containment.

This collaboration will open new horizons for oil and chemical spill response, flood management, and water pollution control.

MEET THE JELLYFISHBOT LITE



Interchangeable & waterproof batteries

Recharging time of 3 h 30
Autonomy from 2 to 8 h

Safety signals

Beacon

Electric propulsion

2 thrusters: forward, backward,
sideways movement

Speed

1 knot (optimal), 2 knots (max)

HARBO T6 UHD Boom

15 m - 50ft
20 kg

LED projector

10 W - IP67
30 m - 100 ft

Remotely controlled

up to 300 m - 980 ft



WHAT FOR?



The Jellyfihbot Lite is designed to tow **Harbo's ultra-light booms** – up to 4 segments of 15 m / 50 ft each.

A compact and highly capable solution **for rapid deployment and efficient water surface protection.**

USER CASES





Rapid Spill Containment

- Deploy boom in minutes with a single operator
- Jellyfishbot tows, positions, and closes the perimeter fast
- Immediate isolation of fuel/oil leaks before drift
- Ideal for marinas, ports, harbors, and confined basins
- Shrinks impacted area -lowers cleanup cost





Worksite & Industrial Compliance

- Quick perimeter setup for dredging, repairs, or waterfront works
- Contains turbidity, floating debris, and accidental releases
- Safer operations in restricted or hazardous waters
- Light boom = easy transport, storage, and local handling
- Reduces manpower and eliminates boat dependency





Preventive Environmental protection

- Pre-position booms around sensitive shorelines and habitats
- On-demand deployment / adjustment / retrieval by the Jellyfishbot
- Temporary, modular protection for high-risk periods
- Supports ESG commitments & regulatory prevention plans
- Keeps waterways clean

PRESENTATION OF THE PACKS

Lite Base Pack



JELLYFISHBOT Lite
+ remote control



HARBO Boom **x4**
(15m / 50 ft each)

Lite Extended Pack



JELLYFISHBOT Lite
+ remote control



HARBO Boom **x8**
(15m / 50 ft each)

JELLYFISHBOT LITE DATASHEET



Dimensions

Size	70 x 70 x 52 cm 2.3 x 2.3 x 1.7 ft
Emerging height	25 cm - 0.82 ft
Draught	23 cm - 0.75 ft
Weight	20 kg - 50 lbs
Packing	76 x 76 x 60 cm 2.49 x 2.49 x 1.97 ft 23 kg - 42 lb

Batteries

Number of batteries	2 x Lithium-ion
Autonomy	2 to 8 h
Recharging time	
- from 20 % to 80 %*	2 h
- from 0 % to 100 %*	3 h 30
Voltage	14.4 V
Capacity	2 x 30 Ah
Lifetime**	500 to 800 cycles

*Of the batteries capacity

**Beyond, capacity gradually decreases over time

Characteristics

Maximum speed	2 kn
Cruising speed	1 kn
Number of thrusters	2
Materials	Polyethylene Aluminium
LED projector	10 W - IP67 30 m - 100 ft - 180°

Remote control

Control range	up to 300 m - 980 ft
Battery	2000 mAh, USB-C rechargeable
Autonomy	up to 15 h
Screen	1.3" OLED

HARBO INC. T6 UHD BOOM DATASHEET



Boom Dimensions	
Length	15 m - 50 ft 10 m - 33 ft
Weight	1081 gr/m - 11.63oz/ft
Height	32 cm - 12.5 in
Freeboard	12 cm - 4.5 in
Draft/Skirt	20 cm - 8 in
Tension	1.5 tensile tons
Handles	Every 5 m - 16 ft
Connector	T6 ClickFast Aluminum

Built-In Accessories	
Tow Bridle	
Ground Tarp	
Contamination Liner	
Heavy-Duty Carabiner	

Performance	
Resistant to 55+ chemicals	
-55°C to 55°C Temperature Range	
OHMSETT Tested - No Losses	
Fully Reusable	

Cartridge*	
Boom Length	15 m - 50 ft
Dimensions	60 x 40 x 70 cm 2' x 1'4" x 2'3" ft
Weight	21.45 kg - 47.30 lbs
Packaging	Weatherproof Plastic Shell
Velcro Opening	No Tools Required

*Currently photograph on the left

Bag (New Release)	
Boom Length	10 m - 33 ft
Dimensions	72 x 40 x 45 cm 2'4" x 1'4" x 1'6" ft
Weight	15.92 kg - 35.10 lbs
Packaging	Weatherproof Bag
Zipper Opening	No Tools Required



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DYnamic Systems

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