



CHARPIE

# 水下机器人操作培训 2025

查湃智能

[www.charpie.cn](http://www.charpie.cn)

021-58810772



不通电波



< 10m



风浪流干扰



腐蚀



CHARPIE



# 水下机器人介绍



应急救援机器人

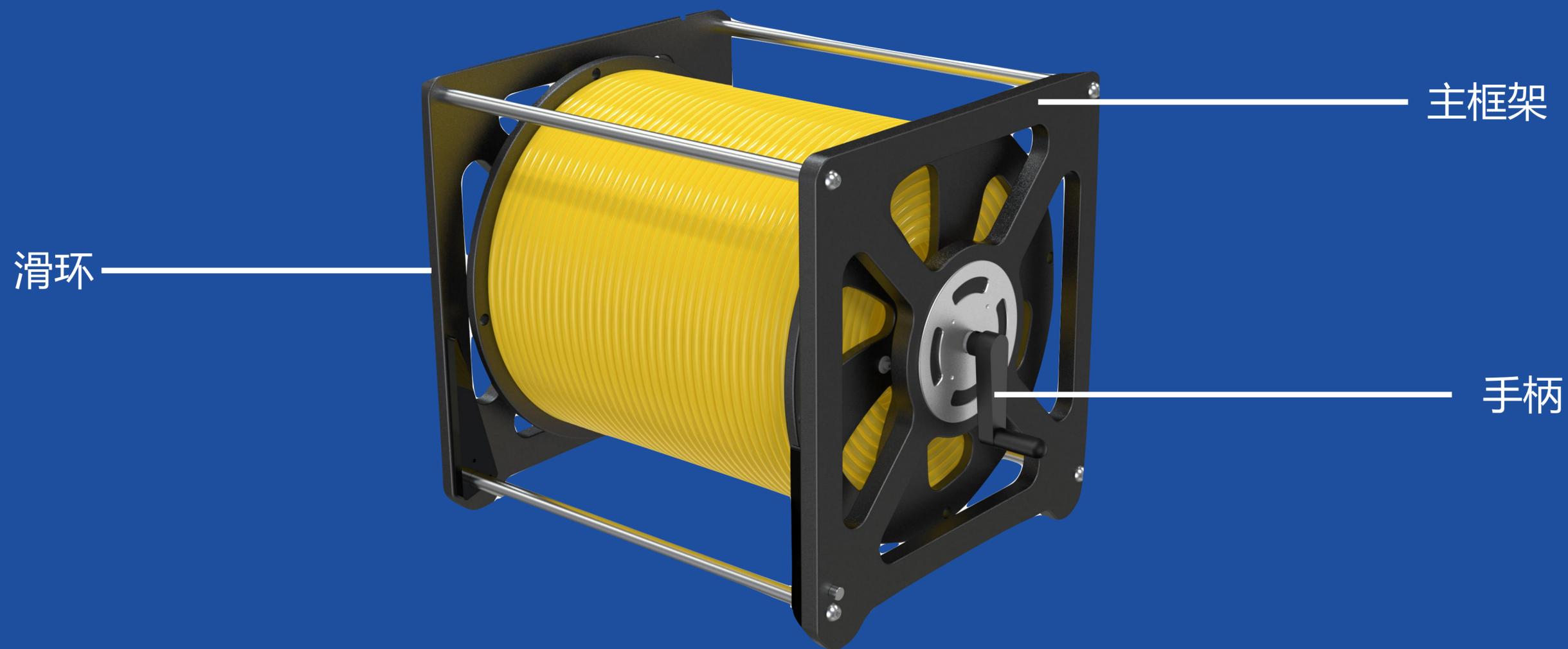


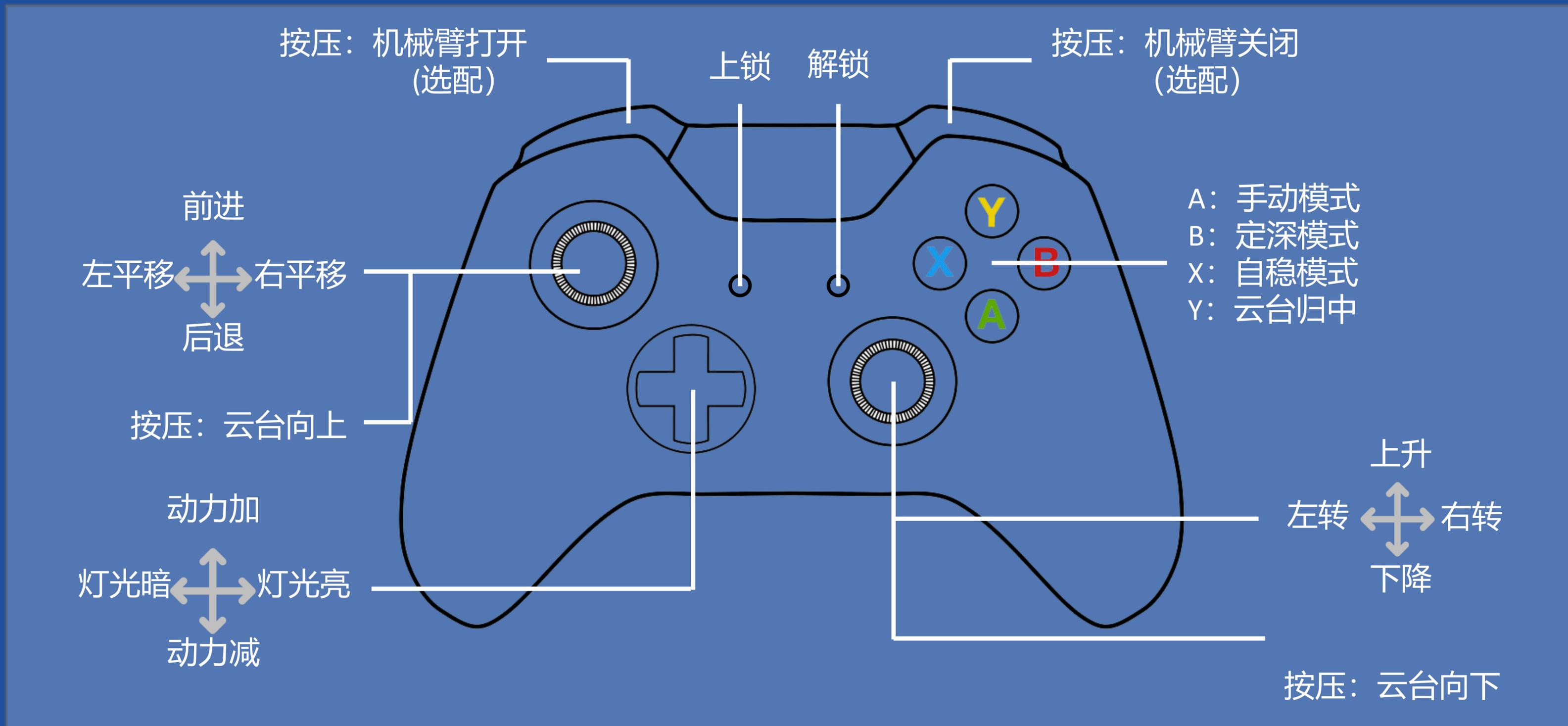
电缆

水面控制端









# 机器人操作界面 (2025版) --潜航中 (已解锁)

控制模式

(手动 / 定深 / 自稳) 电压 手柄已连接



姿态仪

罗盘

视频录制  
拍照

深度、动力、水温、舱温、灯光

# 机器人操作界面 (2025版) --未就绪 (未解锁)

控制模式

(手动 / 定深 / 自稳) 电压 手柄已连接



姿态仪

罗盘

视频录制  
拍照

深度、动力、水温、舱温、灯光

# 机器人操作界面 (2025版) --通信丢失, 检查各处接线

The screenshot displays the CHARPIE robot control interface. At the top, a red status bar indicates a communication loss: **通信丢失** (Communication Lost), with a manual mode icon and a **断开连接** (Disconnect) button. The battery level is shown as **18.0v**. The main area features a video feed of a coastal road with a central overlay that reads **等待视频中** (Waiting for video). On the right side, there are two circular gauges: the top one shows a scale from 0 to 20, and the bottom one is a compass showing a heading of **277**. At the bottom, a status bar provides real-time data: **深度 -0.2 m** (Depth), **动力 20 %** (Power), **水温 25.5 °C** (Water Temp), **舱温 44.8 °C** (Cabin Temp), **灯光 0 %** (Light), and **距离 0.00 m** (Distance). Control icons for video, camera, and settings are visible in the bottom right corner.

# 机器人操作界面 (2018版)

The screenshot shows the CHARPIE ROV control interface. At the top, there is a title bar for 'CROV v2.0' with '文件' and '组件' menus. Below the title bar is a control mode selector with '手动' (Manual) selected. To the right of the mode selector are indicators for '电压' (Voltage) at '0.00v' and '上锁/解锁' (Lock/Unlock) status '未解锁' (Not Locked). Further right is a '机器人设置' (Robot Settings) icon. A status bar below the mode selector displays: '深度: 0.1m 动力: 10% 电流: 2.00A 水温: 16°C 舱温: 28°C 时间: 11:21:33 日期: 2020/3/10'. The main area is a large video feed showing an underwater scene. In the bottom left corner, there are two instrument panels: a '姿态仪' (Attitude Meter) and a '罗盘' (Compass). A '视频录制' (Video Recording) button is located in the bottom left corner of the video feed area. On the right side, a vertical list of parameters is shown: '深度', '动力', '电流', '水温', '舱温', '时间', '日期'. A '回到主界面' (Return to Main Interface) button is located on the far left.

控制模式  
(手动 / 定深 / 自稳)

电压 上锁 / 解锁

机器人设置

回到主界面

手动

0.00v 未解锁

软件设置

深度: 0.1m 动力: 10% 电流: 2.00A 水温: 16°C 舱温: 28°C 时间: 11:21:33 日期: 2020/3/10

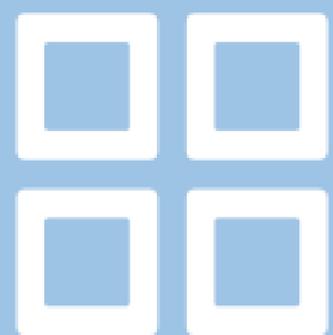
深度  
动力  
电流  
水温  
舱温  
时间  
日期

视频录制

姿态仪 罗盘

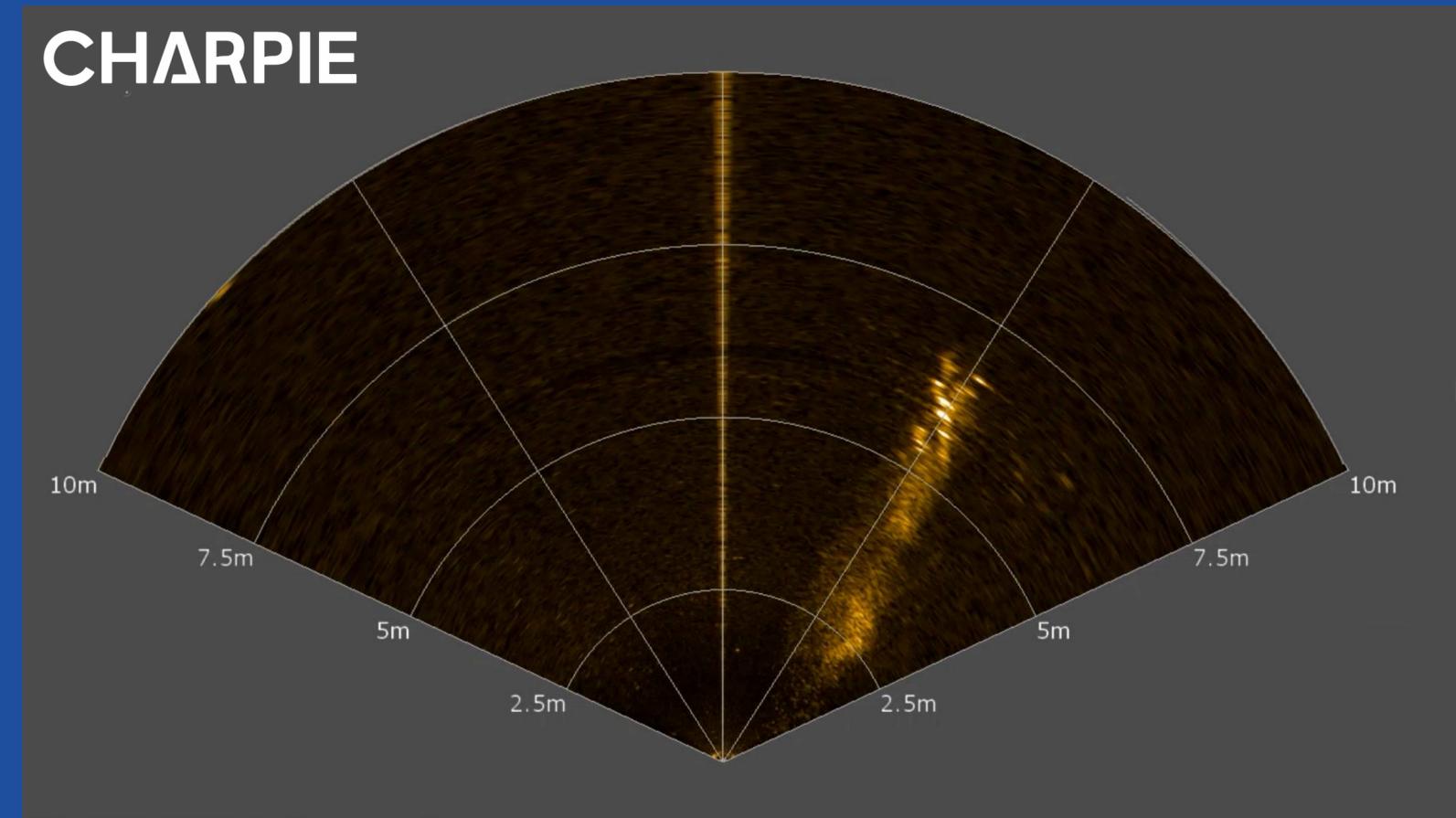
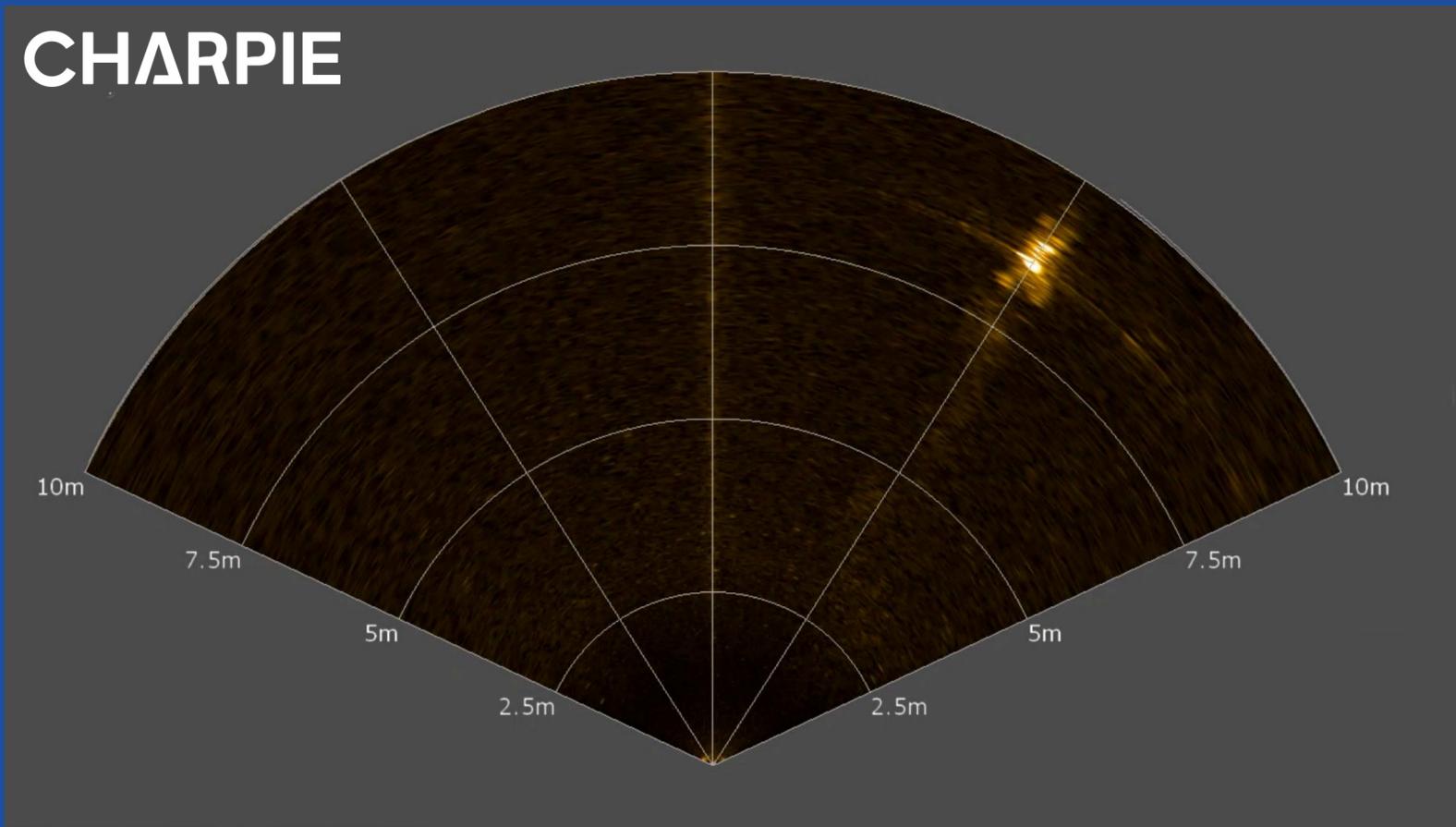


CHARPIE

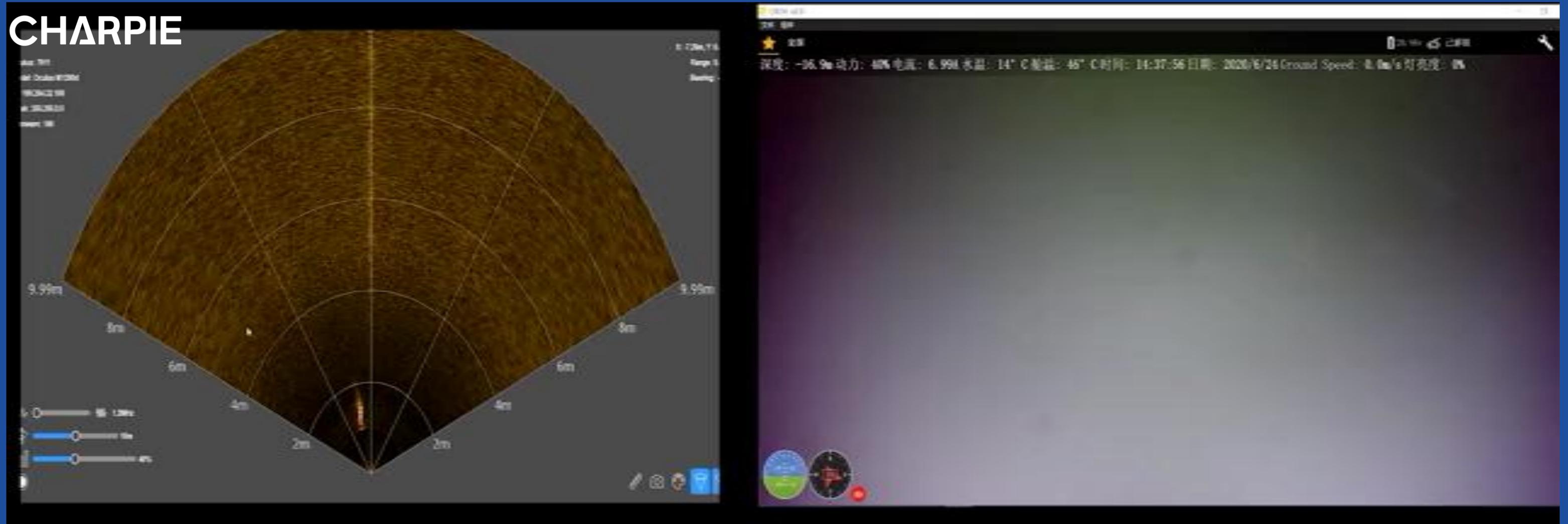


# 案例展示

# 1. 不明蛙人



## 2. 疑似爆炸物



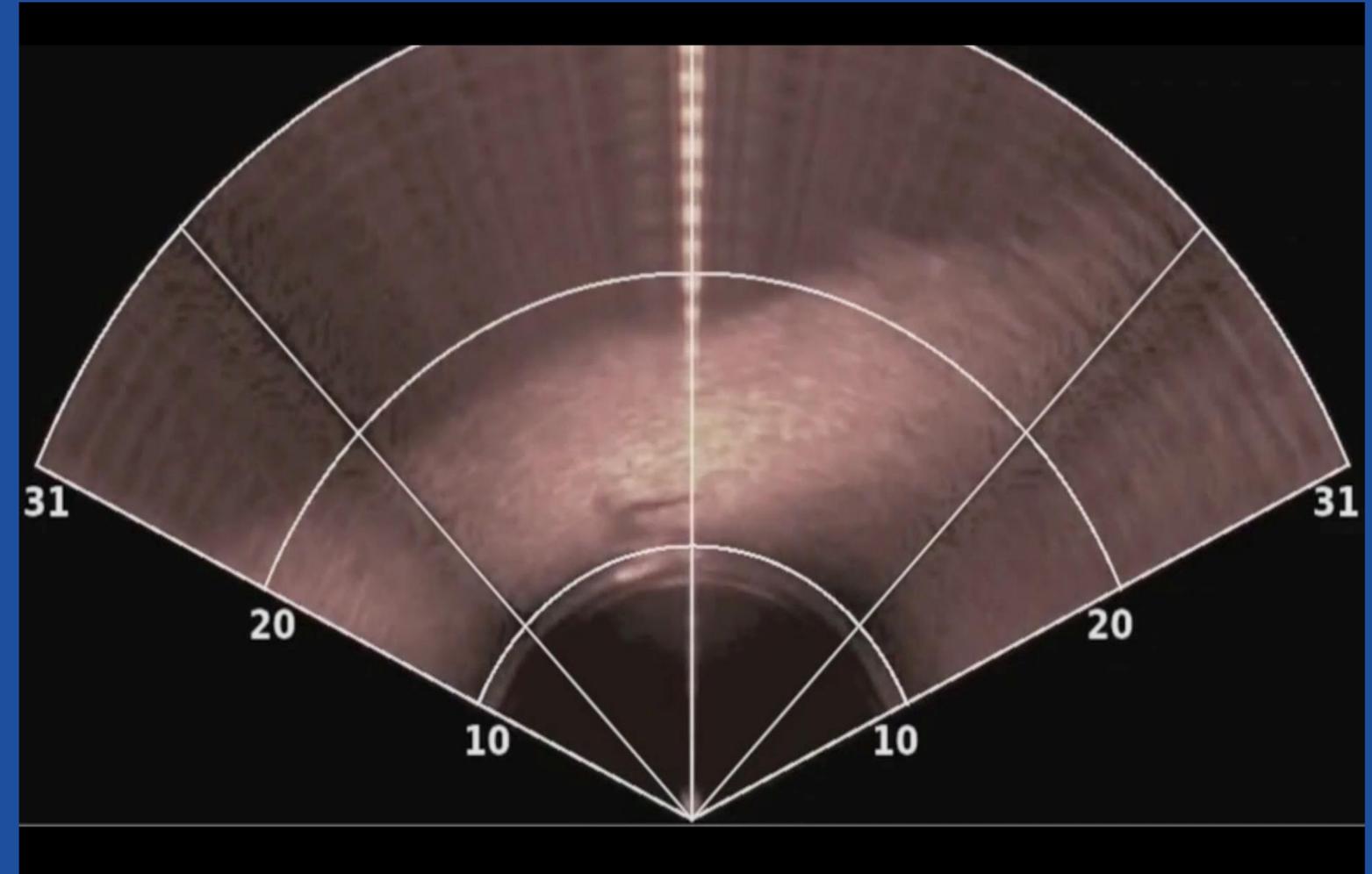
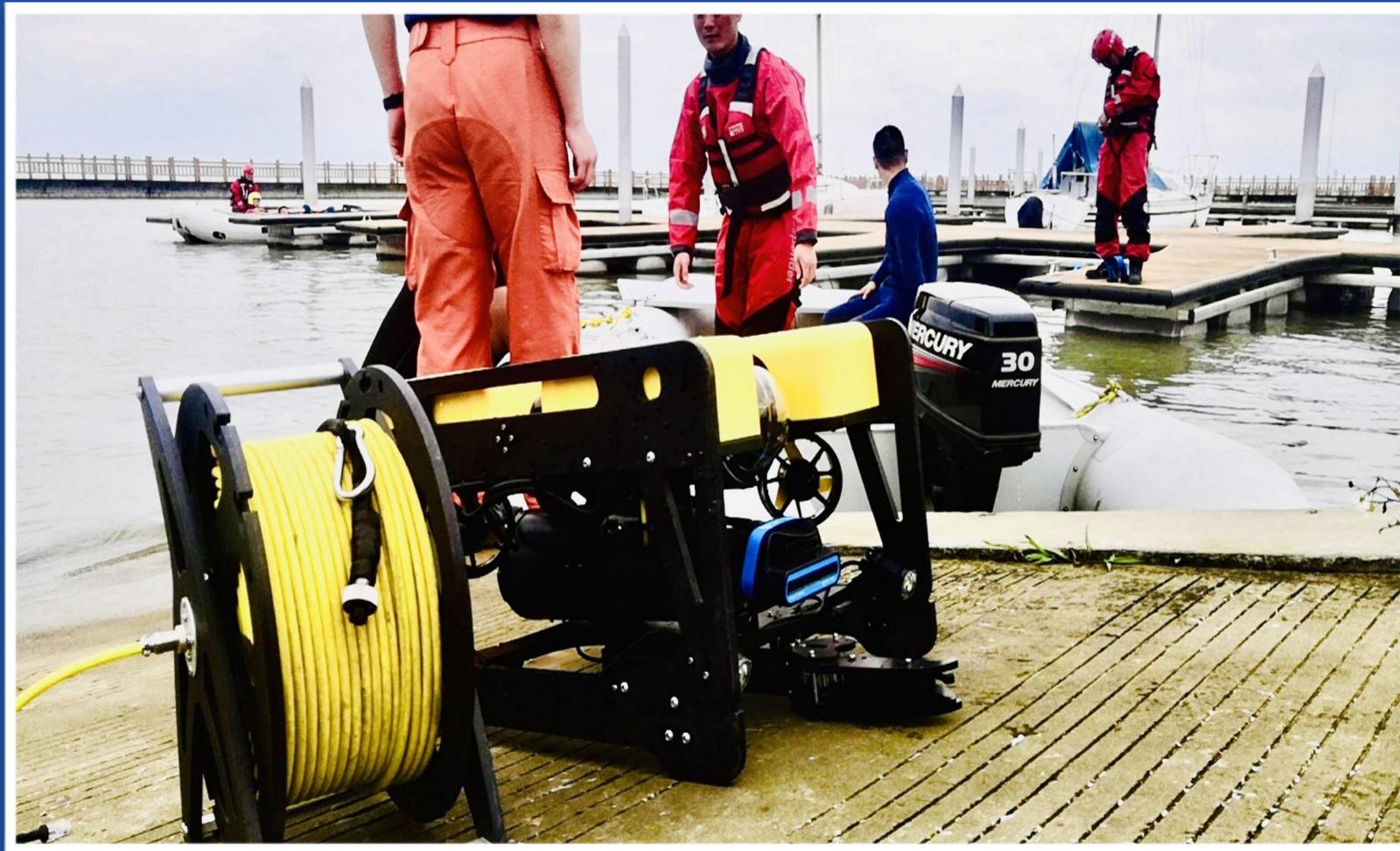
### 3. 证物打捞



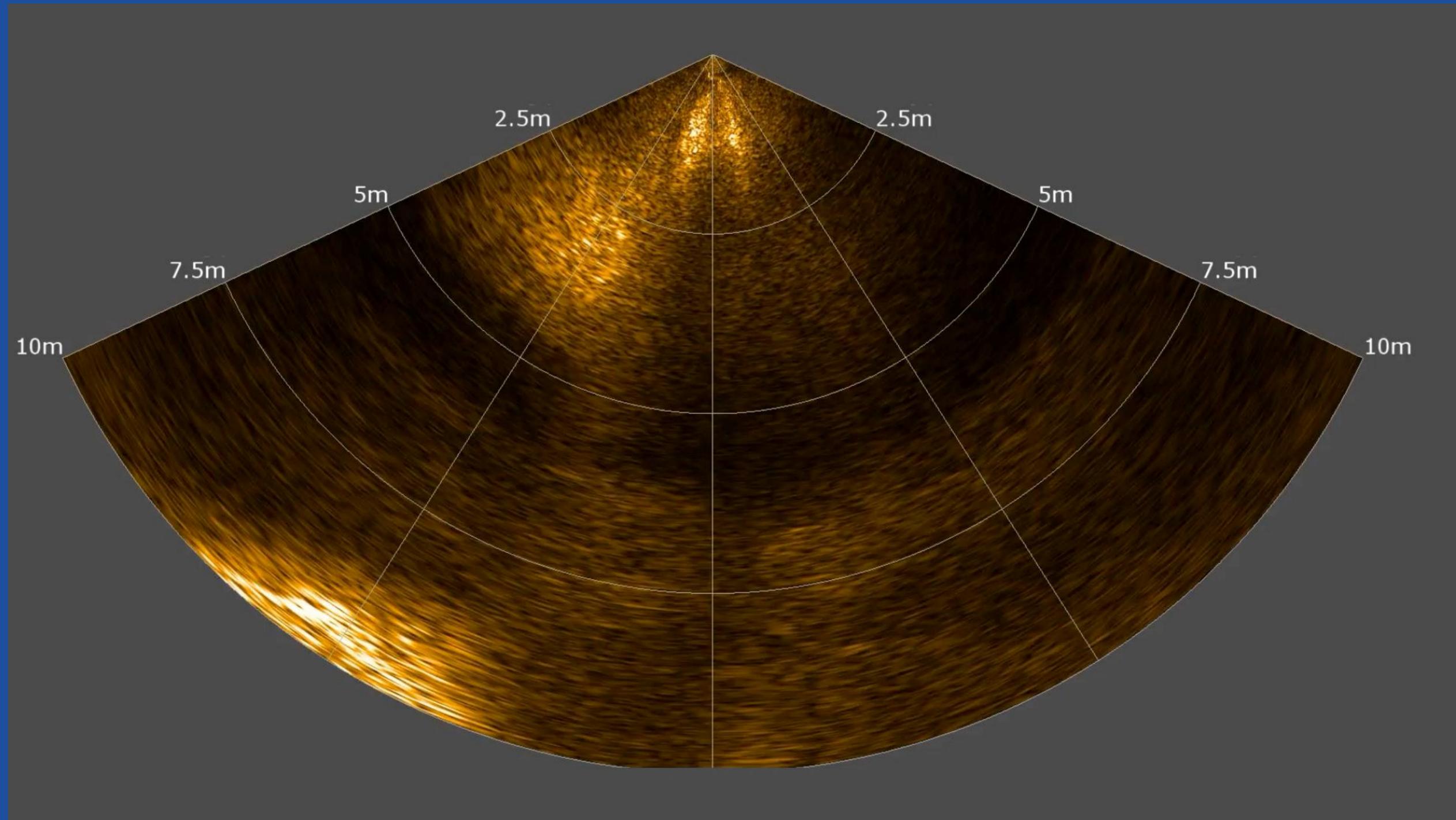
## 4. 桑吉号沉船打捞



# 5. 水下搜救



## 6. 落水车辆打捞





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实战技巧

# 1. 大流速



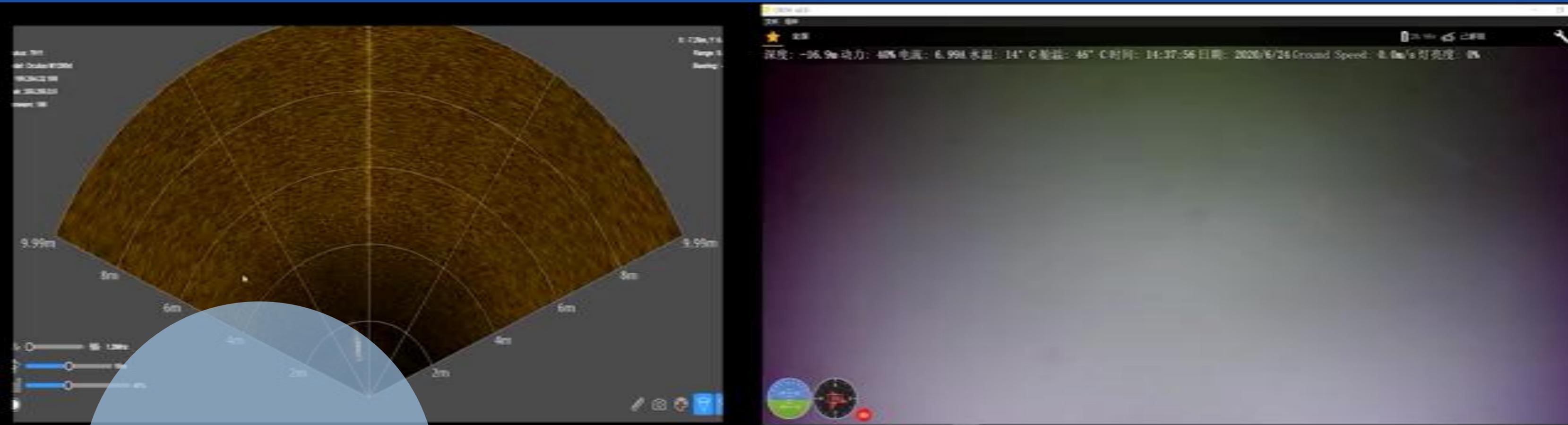
抵抗大流速的要点

选择大功率的机器人

选择平潮期工作

加压载抵抗大流速

## 2. 声纳、摄像头的结合应用



### 提高搜救效率的要点

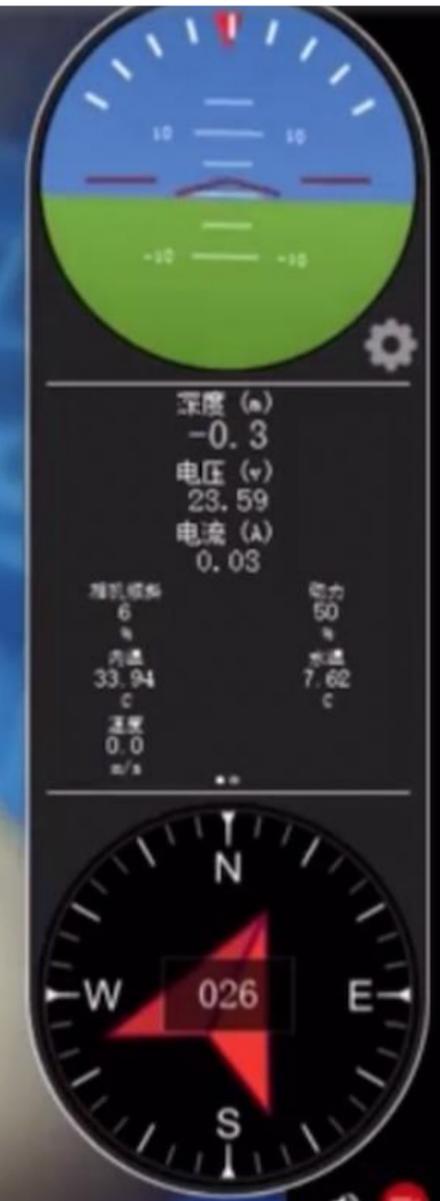
选择六轴的机器人提  
高平台稳定性

画网格，从不同  
角度反复搜索

加负载多传感器结  
合应用抵抗大流速

### 3. 标定目标位置

发现疑似目标



»提高救援效率

水下定位系统记录水下位置

释放浮标, 标定准确位置

错传感器结合应用

售后: [support@charpie.cn](mailto:support@charpie.cn)

**CHARPIE**  
查湃智能

