

Manuel Paredes

“Euro RVTEC” Co-operation between European RV Techs.

UTM-CSIC...

The Unidad de Tecnología Marina (UTM-CSIC) it is a Spanish government statement in charge of the management and maintain the research capabilities of the Spanish Research Fleet.

We manage, maintain and operate...

SURVEYS / CAMPAINGS

UTM DIRECTION

R/V Sarmiento de Gamboa

R/V Hespérides

BAE Juan Carlos I

R/V Odón de Buen (As Supervisors)



Techs #: 10 7



11 5 7



5 4 3



And Many other services as AUVs and National Marine Data Node

an advantage??

TECHNICIANS



Euro RVTEC???

ERVO-Tech???



In Europe there is not any technician networking group like could be RVTECH of UNOLS, we had something similar but unfortunately not a real networking group...

Last Mail received on Sep 2023

Almost 60+ emails
asking for equipment
and loan sensors

- 1.- Share of Equipment (LOANS) (if it's possible...)





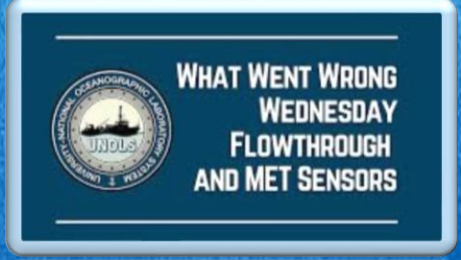
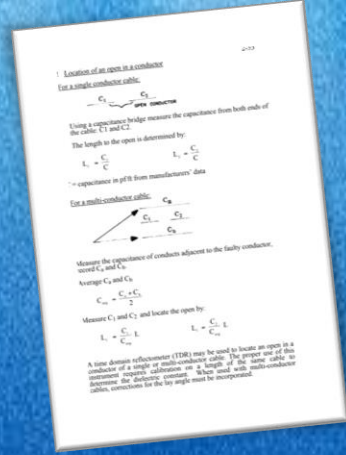
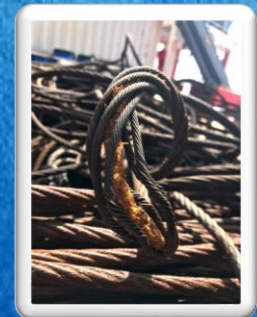
EURO RVTEC?

Benefits of an Euro Marine Tech Group

2.- Look for Solutions for Problems during surveys

ALSO Psychological & Emotional Support!!
You are not the only! (with the same problem)

Same Equipment=Same error





EURO RVTEC?

Benefits of an Euro Marine Tech Group

3.- Friendly manuals and easy workshops

Meeting Agenda	SIZE
2023 RVTEC Meeting Agenda	100,944 KB
Documents:	
ATTACHMENT	SIZE
RVTEC Code of Conduct	73,791 KB
2023 RVTEC Meeting Appendix III - Diversity, Equity, and Inclusion Working Group	432,27 KB
2023 RVTEC Meeting Appendix IV - Satellite Network Advisory Group (SatNAG) Update	374,653 KB
2023 RVTEC Meeting Appendix V - OmnisOC Update	2584,2 KB
2023 RVTEC Meeting Appendix VI - HIGashet Update	4793,137 KB
2023 RVTEC Meeting Appendix VII - MISO Potential Fields Pooled Equipment (PFPE) Update	4154,854 KB
2023 RVTEC Meeting Appendix VIII - Multibeam Advisory Committee (MAC) Update	15000,959 KB
2023 RVTEC Meeting Appendix IX - Marine Advanced Technology Education (MATE) Internship Update	3317,194 KB
2023 RVTEC Meeting Appendix X - Maintaining an Environment of Respect Aboard Ships (MERAS) Update	1693,083 KB
2023 RVTEC Meeting Appendix XI - LHDAS Update	1286,707 KB
2023 RVTEC Meeting Appendix XII - Scripts ADCP Pool Update	245,851 KB
2023 RVTEC Meeting Appendix XIII - Current State of LADCP Operations at WHOI	7660,424 KB
2023 RVTEC Meeting Appendix XIV - Best Practices Group Update	3899,934 KB
2023 RVTEC Meeting Appendix XV - X-Band Radar Pilot Program	4234,701 KB
2023 RVTEC Meeting Appendix XVI - NSF Wire Pool Update	2532,978 KB
2023 RVTEC Meeting Appendix XVII - West Coast Winch Pool Update	1578,883 KB
2023 RVTEC Meeting Appendix XVIII - East Coast Winch Pool Update	44597,378 KB
2023 RVTEC Meeting Appendix XIX - National Science Foundation (NSF) Update	2724,084 KB
2023 RVTEC Meeting Appendix XX - Marine Facilities Planning (MFP) Update	6963,364 KB
2023 RVTEC Meeting Appendix XXI - Regional Class Research Vessel (RCRV) Update	4705,08 KB
2023 RVTEC Meeting Appendix XXII - Fleet Improvement Committee and Arctic Icebreaker Coordinating Committee (FIC/ACC) Update	29,41 KB
2023 RVTEC Meeting Appendix XXIV - Safety Committee Update	113,727 KB
2023 RVTEC Meeting Appendix XXV - Marine Sediment Sampling Group (MarSSAM) Update	4197,204 KB
2023 RVTEC Meeting Appendix XXVI - Rolling Deck to Repository (RD2R) Update	3077,406 KB
2023 RVTEC Meeting Appendix XXVII - Tech Training Sub-Committee Update	374,555 KB
2023 RVTEC Meeting Appendix XXVIII - UNOLS Tech Pool Update	271,466 KB
2023 RVTEC Meeting Appendix XXIX - OmnisOC Breakout	1275,811 KB

Serial Communications

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Instrument Laboratory • School of Marine and Atmospheric Sciences

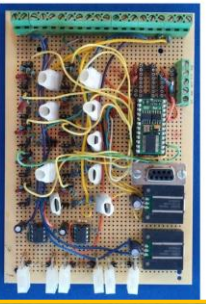
MAKING IT PERMANENT - HAND WIRED

Do not disrespect hand wiring.
It's not a prototype, it's a one-off!

GPS logger



Met buoy power control



Guía-Burros → Donkey-Guides



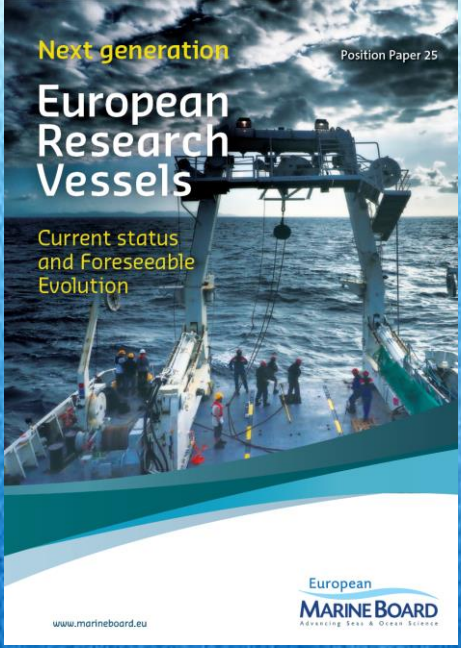
GUIDES
MADE
FROM
TECHs TO
BE USED
BY TECHs



EURO RVTEC?



European Marine Board
PP25 Recommendation for
Marine Techs training



- ERVO should take an active role in promoting training of marine technicians, crew and shore-based staff;

- ERVO should seek a partnership with the Intergovernmental Oceanographic Commission of

Gross NUMBERS... 2 Techs / RV → 200 Techs

A huge amount of Knowledge

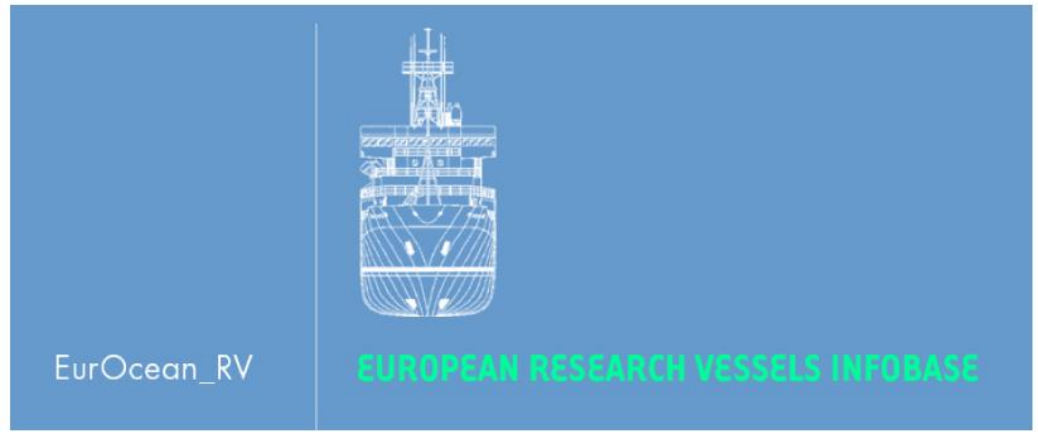
Available in 23 Countries

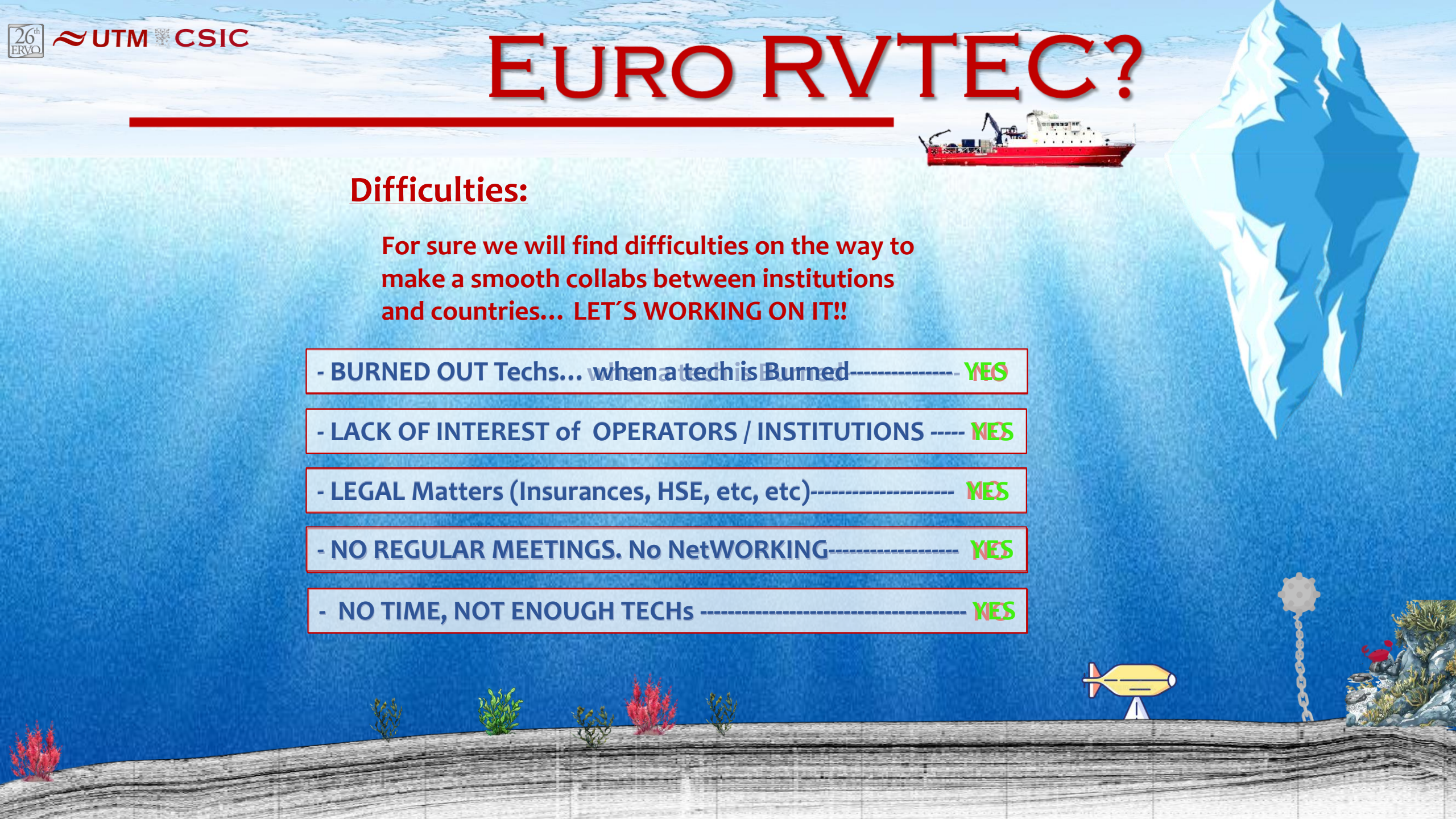
308 Vessels

Find regular formal training for marine of low demand and/or availability of spare t

- To achieve long-term benefits, national g courses for marine technicians and shore based staff organized throughout Europe, including both practical training courses and online courses.

- It is recommended that a study is conducted to explore the current numbers of trained crew and technicians within Europe, future needs, and ways in which these numbers can be enhanced.





EURO RVTEC?

Difficulties:

For sure we will find difficulties on the way to make a smooth collabs between institutions and countries... LET'S WORKING ON IT!!

- BURNED OUT Techs... when a tech is Burned----- YES

- LACK OF INTEREST of OPERATORS / INSTITUTIONS ---- YES

- LEGAL Matters (Insurances, HSE, etc, etc)----- YES

- NO REGULAR MEETINGS. No NetWORKING----- YES

- NO TIME, NOT ENOUGH TECHs ----- YES



EURO RVTEC?

MISSION WAS ACCOMPLISHED

Let's Network!. And let's start a Nice Path!

THANK YOU!!

