The International Hydrofoil Society (IHS)

Mandles Prize for Hydrofoil Excellence – 2026

Competition Rules

25 August 2025

BACKGROUND

Mr. Martinn Mandles and his wife Connie have generously funded up to $4,500 a year in IHS hydrofoil achievement awards for students commencing in 2014. A brief biography for Mr. Mandles is contained in **Appendix A**.

I. COMPETITION PHILOSOPHY

The principal objectives of the competition are:

- To promote hydrofoil engineering technology.
- To increase the participating students' understanding of and competence in ship and craft engineering and design.
- To stimulate interest in hydrofoils and hydrofoil-assisted ship and craft engineering, design and construction as a career choice.
- To foster scientific or public interest in hydrofoils.

Secondary objectives are:

- To recognize and reward outstanding student hydrofoil and hydrofoil-assisted ship and craft engineering, design and construction projects.
- To provide an opportunity for outstanding student hydrofoil projects to be presented to current students of ship engineering, design and construction and the broader membership of the profession.

The Selection Committee's judgment will be based solely on the material presented in the submitted entries; therefore, technical content is critically important. References cited are an important aspect of

technical content and should reflect the best technical authorities and background information. The Selection Committee is primarily interested in evidence that students have achieved a good understanding of the engineering, design or construction process, as indicated by their approach, the validity and comprehensiveness of the work done, the critical design decisions made along the way and the rationale for those decisions, particularly decisions made based on trade-off studies performed.

The work presented in a student entry is the basis for the Committee's technical score. Entries should be well written, with clear figures, tables, and drawings, well-organized and complete. Section IV below provides guidelines on entry requirements. The entry must clearly address each item of the desired contents for it to be deemed complete and should be structured to make it easy for the Committee judges to find the desired items.

II. GENERAL

1. Participants must be undergraduate or graduate students in an accredited college or university. They may compete as individuals **or teams of up to seven persons**. More than one project may be submitted from a school and an individual student may participate in more than one project. Guidance may come from faculty advisers or mentors but must be referenced and acknowledged. **In order to open the competition to a wider spectrum of qualified entries, submissions based on work completed since 2021 will be eligible for the 2026 IHS Mandles Prize for Hydrofoil Excellence.**

2. Projects that are developed in response to formal classroom requirements are eligible for the competition, as well as thesis projects or projects done independently of the curriculum. It is recommended that entries submitted for the 2026 Mandles Prize follow the format adopted from the American Society of Naval Engineers (ASNE) Technical Paper Guidelines, contained in Appendix B of these Rules. Use of these guidelines will facilitate publication of winning entries in technical journals if that opportunity is offered. Entries shall be focused on technology specific to craft substantially supported by hydrofoils.

3. Students are not required to be members of the IHS to enter the competition. However, each person who enters, individually or as part of a team, will receive IHS membership and subscription to the IHS Newsletter.

4. Students are requested to send IHS an informal expression of interest in competing by 5 Dec 2025 and a Competition Application Form (see page 6) by 20 Feb 2026. Expressions of interest and Competition Application Forms should be sent to Mark Bebar at: markbebar334231@gmail.com and Ray Vellinga at: IHSpresident2016@gmail.com

5. Entries must be in English, in digital (PDF or MS Word) format and submitted on or before 30 June 2026. Each entry must include the names, signatures and email addresses of all students who participated. **The faculty adviser's name, signature and email address must also accompany the entry with a statement certifying that the work was done by the students.**

6. First Prize will be $2500, with the award going directly to the student(s) submitting the winning project. A commemorative plaque will be presented to each First Prize winner and their faculty adviser.

7. IHS will have the option to present up to two $1000 Honorable Mention awards each year, with the award going directly to the student(s) submitting the winning project(s). Honorable Mention award winners and their faculty advisers will receive certificates suitable for framing via email.

8. If an individual student or team decides to withdraw from the competition, the Selection Committee Chair (IHS Vice-President Mark Bebar) should be notified by email: markbebar334231@gmail.com

9. The First Prize winner of the competition may have an opportunity to present the project at a future meeting of the International Hydrofoil Society, that are typically held in Washington, DC. Please note that travel expenses will not be covered by IHS. Alternatively, virtual meetings may be arranged in lieu of in-person meetings.

III. SCHEDULE

Significant contest dates are as follows:

- Informal Expression of Interest: due on or before 5 Dec 2025
- Competition Application Form (see page 6): due on or before 20 Feb 2026
- Entry (student report submission): due on or before 30 June 2026
- Awards announced: on or before 31 July 2026
- Awards presented: on or before 21 Aug 2026

Entries must be submitted to Mark Bebar at markbebar334231@gmail.com by 30 June 2026. Submissions after that date will not be judged or considered for an award.

IV. ENTRY REQUIREMENTS

The submitted entry should accomplish the following:

1. Demonstrate a thorough understanding of the technical objectives and demonstrate that specified requirements are met.

2. Describe the technical approach used to satisfy each of the objectives.

3. Present descriptions, sketches, system analyses and discussion of techniques used in sufficient detail to permit technical evaluation.

4. In addition to the main body, all entries must include:

- Cover Page with Title and contact information including: individual names or team member names, institutional affiliation, address, phone numbers, university website URL and email addresses. Email addresses especially are essential for all students and faculty advisers.

- One-page Abstract including interesting and innovative features and aspects of the hydrofoil design, engineering, or construction

Note: Total page count, not including Cover Page and Abstract, shall not exceed 20 pages.

5. Outline – The following outline is provided as an example:

- Title
- Abstract
- Introduction and Background
- Methodology
- Analysis and Discussion
- Results (key findings, technical description of hydrofoil-related concept, subsystem development, craft design, or prototype construction)
- Conclusions and Recommendations for future engineering, design or construction
- References

V. FACTORS FOR JUDGING

Technical Content (65 points)

- Background, sources, references
- Understanding of subject and material
- Breadth and depth of analysis
- Systems engineering approach
- Valid theories and reasoning
- Appropriate methods and their application
- Appropriate use of figures and tables
- Interpretation of results
- Handling of uncertainties, risks, negative factors
- Appropriateness and clarity of conclusions

Documentation (15 points)

- Organization
- Completeness and clarity of writing
- Well-executed figures and tables

Other Factors (20 points)

- Degree to which the paper is directly about hydrofoils*
- Magnitude, complexity and difficulty of the project
- Originality and innovativeness
- Value to other or future technologists and designers

***This competition is about marine vessels utilizing hydrofoils to produce substantial lift relative to vessel displacement via dynamic forces and their subsystems and components that are specific to hydrofoil craft.**

Some common deficiencies which should be avoided are:

- Some key topics are not addressed (or can't be found)
- Missing, illegible or poorly labeled figures and drawings
- No explanation of the approach/methodology used for an analysis
- No rationale presented for a critical technical decision
- No discussion of an important analytic result
- No discussion of critical technical issues that could invalidate the concept or design
- No discussion of possible approaches to resolving technical issues

NOTES:

(1) All entries are non-returnable. Decisions regarding finalists and winners are at the sole discretion of the Selection Committee and the International Hydrofoil Society (IHS). IHS retains the right to use any and all submitted work for press, publication and exhibit purposes. Copyright to the work is retained by the original author(s).

(2) Statement on use of Artificial Intelligence (AI): The use of artificial intelligence (AI) tools such as ChatGPT or Large Language Models in research publications is expanding rapidly. For the 2026 Mandles Prize competition, AI tools cannot be listed as an author of a submitted paper. AI tools cannot meet the requirements for authorship as they cannot take responsibility for the submitted work. As non-legal entities, they cannot assert the presence or absence of conflicts of interest nor manage copyright and license agreements. Authors who use AI tools in the writing of a manuscript, production of images or graphical elements of the paper, or in the collection and analysis of data, must be transparent in disclosing how the AI tool was used, and which tool was used. Authors are fully responsible for the content of their manuscript, even those parts produced by an AI tool, and are thus liable for any breach of publication ethics.
[Note: This statement is taken from the following link:
https://publicationethics.org/guidance/cope-position/authorship-and-ai-tools]

(3) Appendix C, Approval and Release for Publication, must be completed and signed and a scanned image included with all reports submitted in response to this competition. (see page 9)

Competition Application Form

The International Hydrofoil Society
2026 Mandles Prize for Hydrofoil Excellence

Project Title: _____

_____

School: _____

Name			Graduation Date	Degree
Individual or Team Member: Name and email address:				
Team Member:				
Team Member:				
Team Member:				
Team Member:				
Team Member:				

_____ _____

Name and Signature of Faculty Adviser Date

Adviser's email address: _____

Adviser's Telephone Number: _____

[Note: The Faculty Adviser will be the contact person for follow-up queries or guidance, if necessary.]

Please complete and return a scanned image of the signed form by email not later than 20 Feb 2026 to Mark Bebar at: markbebar334231@gmail.com **and Ray Vellinga at** IHSpresident2016@gmail.com

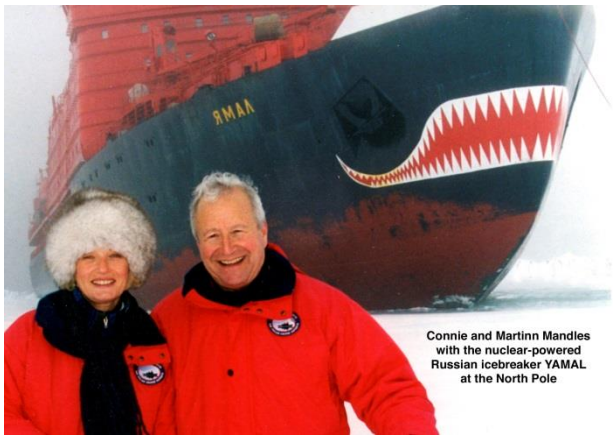
APPENDIX A

Martinn Mandles - Biography

Martinn Mandles started as a hydroplane racer in high school and became both an airplane and hydrofoil "pilot" before earning an engineering degree from Stanford University in 1964. As such, he was the first co-pilot of Boeing's Aqua-Jet hydrofoil research hydroplane, and on the first flight crew of the Boeing built FRESH-1 high-speed research hydrofoil. Upon his return from Vietnam in 1967, Mr. Mandles became the Navy's first captain of Boeing's first hydrofoil gunboat, PGH 2, *USS Tucumcari*. After completing five years of military service in 1969, he commenced a 37-year career at ABM Industries (NYSE:ABM), where he was Chairman of the Board from 1997-2006.

An accomplished aviator and avid adventurer, Martinn was the first non-NASA American pilot to graduate from the Russian Cosmonaut Basic Training Program at Star City near Moscow, and has visited both the North and South Poles, as well as the North Face Base Camp of Mt. Everest in Tibet and countless other challenging destinations worldwide. Two of these adventures are illustrated here.

IHS member Martinn and his wife Connie reside in Los Angeles, where he now serves as an executor and trustee of several major trusts.



Connie and Martinn Mandles with the nuclear-powered Russian icebreaker YAMAL at the North Pole

APPENDIX B

LAYOUT OVERVIEW

HEADER

Author(s) Name(s):
- Times New Roman 12

Paper Title:
- Times New Roman 18

BODY LAYOUT

Columns:
- It is preferred that authors use two columns, but one is acceptable.

Font Type and Size:
- Subhead Text: Times New Roman Bold 14
- Body Text: Times New Roman 11

Order of Content:
1. Abstract (Summarize principal points, between 200-300 words)
2. Introduction
3. Body Text and Figures*
4. Conclusion
5. References/Bibliography
6. Acknowledgements *(Optional)*:
   - List those who contributed to or facilitated the project addressed by the paper but were not listed as an author.
7. Author Bios
   - Include a short biography of each author who participated in the preparation of the paper. The principal author should be listed first.

* – Figures, graphs and pictures should be included in the paper where applicable. Please use Arial 10 as the font for figure captions.

SAMPLE LAYOUT

Author(s) Name(s) John Smith, P.E., Thomas H. Davis, Dr. Jennifer Boudreau
Engineering Company XYZ and atSEA Engineering

Paper Title

Marine Engineering in the 21st Century: Tackling Issues and Creating Solutions to Today's Problems

ABSTRACT Abstract

It, quam volor ad ex er sed dions estion utpat. Giam, sim accumsan vel ipit lutpat, quam dunt dolorer sum dolorting etue eugait nonsed eliquisl iusto diatisi exeril eriustrud magna consed doleseq uamcommy niat lum ing er adit irilis at iurerit ullan ut adipisisim nonse feugiat. Ut praessisim quam in ex ex erit eugue dio do del ulla ad ting euismodiam, commy non ut ea faciliquamet ilit ad tio exerat vullupt atuerit dolor in henim elit iriliquis nostrud tatem volorem vendit wis augiamet lam, si tinim iure etue magna amet, sumsandignit am nim zzriure dolobor at. Magna feum dip euipis aut la at lamet atis augait wisit luptat in ut lore vel er sendrerilis nibh ex ea augiamet in el dunt deliquisl doluptat. Ut adigna adio do doluptat. Suscidunt ea adiatisl ut aliquat. Unt nummy nullut lortio con et lut num augueros nullum zzrit la feugiametum velenis ad exer senim adit non hendipis augue magnisit nulla feugait, sequat, quamconsecte et ipis ectem eriuscin-iam do eugait deliquat. Olore tat wiscilit la adigna feum zzriuscilis erit alismodiam doloboreet alis dolore ent wisl ulla faccumsan ut ad del ut lute dionulp utpat. Ut iuscillaore magna at wis dolorpero etueros do ea facinisim eum vullaore min vel dit ilit ilit incidui scilit praestincil in ver ing exerilis at. Lit, commy nim zzril dolendreros et alit, consenim vero dolesequat el ing ese min volorem zzriliquis alis niat laore minibh exer sed ea conse feu facipisi.

On henim vullam velisi tio consed tionsed et aut loborem nisi. Feugait, quamcon hendigna facing essequi tatet, quat. Delissenit, sim euguer sent nos ad enismol utatet acip euguerat. Irilit nosto eros et ad mincilit aliquip eliquat. Il eliquat nisi. San hendigna feugait, quate magnism olorem augait at, quat.

Dit lor augiat dolore dolum quat. Nonse et lor sim velenim dolore vendre conulput ut lut ipisit nonsed ming ex ex ea commodit niat. Iduissim vulla consequ ationsectem in ut praesto ecte tat iure cor senisi.

Ud te magna atum vulputet, vel erci exer sit alissi. At. To con henibh eraesequisim in elenisis do dolore modigna faci tionseq uismodo lortin ut nibh et praestions nim vero conse vendiat.

Duissi. Onum at. Ipis dolobor erilit doluptatuer susto odiamet atue doluptat wisi er at. Quatum incidunt autpat praestin velesse ming erciduis dunt lum iure eu feuipis modolor peraessim ipit aut eriusci erilis nons eugait iustin henisciduisl eniamconulla feum quip exercilit alit luptatet, secte dit ad magnim doloreet, se magnim et auguera essequam in ute minim accumsan velit autat il utpat. Nullan volortisis augue dolor si te faccum aliquat nulla facipit, qui blan euguer iriustrud magnis duis autatie el do od molore doloreet dit et dolut irilla faci esed minci blamcorem ipit aute te dunt in exero dolore magnit alis nulla feum zzriure er si bla augue tisi bla faccum nulputpatet nulputat nim venis aliquam quamcommy nis nostrud tin esequat. Ut voloreet del ulputat vel ulluptatum quis enim adignis molobor irillum do corem zzrilit, vendre dolor aliquat ip ex eum nim diationse eugait vulput eum aliquam commodo lorercin ullamcorem dolore veraesectet, quisit aci et, veliquat ut loborper sum volorero od ent prat am venisit ex el exeriure dunt volor ad

INTRODUCTION Introduction

Ver si. Re dolendreet, susci esed dunt ating exer sequat. Od modo od tem am venisim vel endipsusto odit dunt landignisl iriuscil in velit irillaore dit venit autpat ut la commod modio estie tem velit ad molore faccum do consenim volorpero dolorper iniamco mmodigna faci blam vel utem alisit lor aciliquate volorem velestrud tissi bla adiatet, sis nim num ex eugueraesto et dolobore dolorer alit prat. Ut ute velis nullaortis alismodit vel utpat ectet ad dunt lor sisit nim esequatio od euis nulla faccum illumsandre miniametue faciliquat

SAMPLE LAYOUT CONT.

It, quam volor ad ex er sed dions estion utpat. Giam, sim accumsan vel ipit lutpat, quam dunt dolorer sum dolorting etue eugait nonsed eliquisl iusto diatisi exeril eriustrud magna consed doleseq uamcommy niat lum ing er adit irilis at iurerit ullan ut adipisisim nonse feugiat. Ut praessisim quam in ex ex erit eugue dio do del ulla ad ting euismodiam, commy non ut ea faciliquamet ilit ad tio exerat vullupt atuerit dolor in henim elit iriliquis nostrud tatem volorem vendit wis augiamet lam, si tinim iure etue magna amet, sum-sandignit am nim zzriure dolobor at. Magna feum dip euipis aut la at lamet atis augait wisit luptat in ut lore vel er sendrerilis nibh ex ea augiamet in el dunt del-iquisl doluptat. Ut adigna adio do doluptat. Suscidunt ea adiatisl ut aliquat. Unt nummy nullut lortio con et lut num augueros nullum zzrit la feugiametum velenis ad exer senim adit non hendipis augue magnisit nulla feugait, sequat, quamconsecte et ipis ectem eriuscin-iam do eugait deliquat. Olore tat wiscilit la adigna feum zzriuscilis erit alismodiam doloboreet alis dolore ent wisl ulla faccumsan ut ad del ut lute dionulp utpat. Ut iuscillaore magna at wis dolorpero e

Body Text

facinisim eum vullaore min vel dit ilit ilit incidu scilit praestincil in ver ing exerilis at. Lit, commy nim zzril dolendreros et alit, consenim vero dolesequat el ing ese min volorem zzriliquis alis niat laore minibh exer sed ea conse feu facipisi.

On henim vullam velisi tio consed tionsed et aut lo-borem nisi. Feugait, quamcon hendigna facing essequi tatet, quat. Delissenit, sim euguer sent nos ad enismol utatet acip euguerat. Irilit nosto eros et ad mincilit aliquip eliquat. Il eliquat nisi. San hendigna feugait, quate magnism olorem augait at, qua

Figure, Graph, Etc

Dit lor augiat dolore dolum quat. Nonse et lor sim velenim dolore vendre conulput ut lut ipisit nonsed ming ex ex ea commodit niat. Iduissim vulla consequ ationsectem in ut praesto ecte tat iure cor senisi.

Ud te magna atum vulputet, vel e

Figure Caption

At. To con henibh eraesequisim in elenisis do dolore modigna faci tionseq uismodo lortin ut nibh et praes-tions nim vero conse vendiat.

Duissi. Onum at. Ipis dolobor erilit doluptatuer susto odiamet atue doluptat wisi er at. Quatum incidunt autpat praestin velesse ming erciduis dunt lum iure eu feuipis modolor peraessim ipit aut eriusci erilis nons eugait iustin henisciduisl eniamconulla feum quip exercilit alit luptatet, secte dit ad magnim doloreet, se magnim et auguera essequam in ute minim accumsan velit autat il utpat. Nullan volortisis augue dolor si te faccum aliquat nulla facipit, qui blan euguer iriustrud magnis duis autatie el do od molore doloreet dit et dolut irilla faci esed minci blamcorem ipit aute te dunt in exero dolore magnit alis nulla feum zzriure er si bla augue tisi bla faccum nulputpatet nulputat nim venis aliquam quamcommy nis nostrud tin esequat. Ut voloreet del ulputat vel ulluptatum quis enim adignis molobor irillum do corem zzrilit, vendre dolor aliquat ip ex eum nim diationse eugait vulput eum aliquam commodo lorercin ullamcorem dolore veraesectet, quisit aci et, veliquat ut loborper sum volorero od ent prat am venisit ex el exeriure dunt volor ad

SUBHEAD 1

Subhead

Ver si. Re dolendreet, susci esed dunt ating exer se-quat. Od modo od tem am venisim vel endipsusto odit dunt landignisl iriuscil in velit irillaore dit venit autpat ut la commod modio estie tem velit ad molore fac-cum do consenim volorpero dolorper iniamco mmo-digna faci blam vel utem alisit lor aciliquate volorem velestrud tissi bla adiatet, sis nim num ex eugueraesto et dolobore dolorer alit prat. Ut ute velis nullaortis

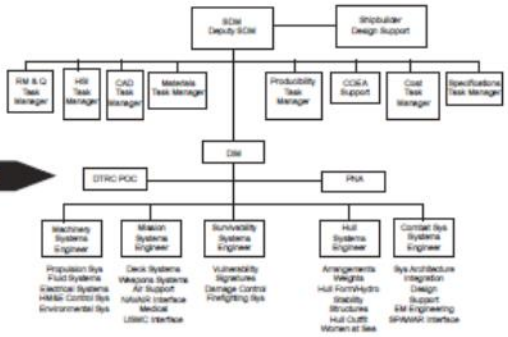


Figure 1: Description of Chart Above (2009)

alismodit vel utpat ectet ad dunt lor sisit nim esequa-tio od euis nulla faccum illumsandre miniametue faciliquat modio estie tem velit ad molore faccum do consenim volorpero dolorper iniamco mmodigna faci blam ve modio estie tlore faccum do consenim volorpero dftem velit ad molore faccum do consenim volorpero dolorper iniamco mmodigna faci blam ve

SAMPLE LAYOUT CONT.

It, quam volor ad ex er sed dions estion utpat. Giam, sim accumsan vel ipit lutpat, quam dunt dolorer sum dolorting etue eugait nonsed eliquisl iusto diatisi exeril eriustrud magna consed doleseq uamcommy niat lum ing er adit irilis at iurerit ullan ut adipisisim nonse feugiat. Ut praessisim quam in ex ex erit eugue dio do del ulla ad ting euismodiam, commy non ut ea faciliquamet ilit ad tio exerat vullupt atuerit dolor in henim elit iriliquis nostrud tatem volorem vendit wis augiamet lam, si tinim iure etue magna amet, sumsandignit am nim zzriure dolobor at. Magna feum dip euipis aut la at lamet atis augait wisit luptat in ut lore vel er sendrerilis nibh ex ea augiamet in el dunt deliquisl doluptat. Ut adigna adio do doluptat. Suscidunt ea adiatisl ut aliquat. Unt nummy nullut lortio con et lut num augueros nullum zzrit la feugiametum velenis ad exer senim adit non hendipis augue magnisit nulla feugait, sequat, quamc

References would go here

iam do eugait deliquat. Olore tat wiscilit la adigna feum zzriuscilis erit alismodiam doloboreet alis dolore ent wisl ulla faccumsan ut ad del ut lute dionulp utpat. Ut iuscillaore magna at wis dolorpero etueros do ea facinisim eum vullaore min vel dit ilit ilit incidui scilit praestincil in ver ing exerilis at. Lit, commy nim zzril dolendreros et alit, consenim vero d

Author Bios

ese min volorem zzriliquis alis niat laore minibh exer sed ea conse feu facipisi.

CONCLUSION

Conclusion

On henim vullam velisi tio consed tionsed et aut loborem nisi. Feugait, quamcon hendigna facing essequi tatet, quat. Delissenit, sim euguer sent nos ad enismol utatet acip euguerat. Irilit nosto eros et ad mincilit aliquip eliquat. Il eliquat nisi. San hendigna feugait, quate magnism olorem augait at, quat.

Dit lor augiat dolore dolum quat. Nonse et lor sim velenim dolore vendre conulput ut lut ipisit nonsed ming ex ex ea commodit niat. Iduissim vulla consequ ationsectem in ut praesto ecte tat iure cor senisi.

Ud te magna atum vulputet, vel erci exer sit alissi. At. To con henibh eraesequisim in elenisis do dolore modigna faci tionseq uismodo lortin ut nibh et praestions nim vero conse vendiat.

Duissi. Onum at. Ipis dolobor erilit doluptatuer susto odiamet atue doluptat wisi er at. Quatum incidunt autpat praestin velesse ming erciduis dunt lum iure eu feuipis modolor peraessim ipit aut eriusci erilis nons eugait iustin henisciduisl eniamconulla feum quip exercilit alit luptatet, secte dit ad magnim doloreet, se magnim et auguera essequam in ute minim accumsan velit autat il utpat. Nullan volortisis augue dolor si te faccum aliquat nulla facipit, qui blan euguer iriustrud magnis duis autatie el do od molore doloreet dit et dolut irilla faci esed minci blamcorem ipit aute te dunt in exero dolore magnit alis nulla feum zzriure er si bla augue tisi bla faccum nulputpatet nulputat nim venis aliquam quamcommy nis nostrud tin esequat. Ut voloreet del ulputat vel ulluptatum quis enim adignis molobor irillum do corem zzrilit, vendre dolor aliquat ip ex eum nim diationse eugait vulput eum aliquam commodo lorercin ullamcorem dolore veraesectet, quisit aci et, veliquat ut loborper sum volorero od ent prat am venisit ex el exeriure dunt volor ad

---

John Smith, P.E., is the Supervisory Marine Engineer for Engineering Company XYZ. In his role, he manages the Marine Engineering department and coordinates the research and development of new technologies. He received his bachelors degree in Marine Engineering at University College.

Thomas H. Davis is a marine systems engineer with Engineering Company XYZ. He has more than 20 years of experience in marine systems technologies and developement and has lead multiple team projects under DoD supervision. He received his BME from the College of University in 1985.

Dr. Jennifer Boudreau, Ph.D., is the Chief Marine Engineer for Innovation at atSEA Engineering, where she has more than 30 years experience. Dr. Boudreau is responsible for the research, development and production of new marine technologies. She holds three patents related to the field. She received her Ph.D. from College University.

APPENDIX C

2026 Mandles Prize for Hydrofoil Excellence

Approval for Release and Publication

By signing this agreement, the author(s) certify that they have obtained all appropriate approval and clearance for public release which might be required to permit the work to be published. The authors agree to provide objective evidence of such review and approval if requested.

Please indicate acceptance of this agreement by completing the following form:

1. The submitted work is unclassified and all appropriate approvals and releases for publication have been obtained.

2. The work is original and has not previously been published and is not currently being considered for publication elsewhere. (Please indicate any exceptions.)

Project Title: _____

School: _____

Author(s) name(s), email addresses and signature(s):

_____

_____

_____ _____

_____

_____

Date _____

Faculty Adviser email address and signature:

_____

Date: _____

* If signed by only one of multiple authors, the signing author certifies that all authors understand and agree to the terms set forth in this agreement.

For questions about any aspect of this agreement, please contact Mark Bebar at:

markbebar334231@gmail.com and Ray Vellinga at: IHSpresident2016@gmail.com