Review Form 3

Journal Name:	**Asian Journal of Economics, Business and Accounting**
Manuscript Number:	**Ms_AJEBA_122768**
Title of the Manuscript:	**Explore the influencing factors and countermeasures of the integrated development of industry large model enabling Marine industry—— Based on the improved TOE framework analysis**
Type of the Article	**Original Research Article**

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PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Integrating large industry models into the marine industry through the improved TOE (Technology-Organization-Environment) framework involves a nuanced understanding of various influencing factors and the implementation of targeted countermeasures. Here's a detailed exploration: Technological Factors Advancement in AI and Machine Learning: Large models, particularly those based on AI and machine learning, are transforming the marine industry by enhancing operational efficiency, enabling predictive maintenance, and refining decision-making processes. These technologies can optimize vessel routes, predict equipment failures, and streamline logistics. However, the integration of such advanced technologies necessitates continuous updates and improvements to stay aligned with the latest advancements. Organizations must invest in the latest software and hardware infrastructure to ensure the effective deployment of these models.	
Is the title of the article suitable? **(If not please suggest an alternative title)**	Data Availability and Quality: The performance of large models is heavily dependent on the quality and volume of data. Inaccurate or incomplete data can lead to suboptimal outcomes. Therefore, marine industry stakeholders must invest in robust data management systems to collect, store, and analyze high-quality data. This includes implementing advanced data analytics platforms and establishing protocols for data accuracy and consistency. Ensuring comprehensive data collection from various sources—such as sensors on vessels, satellite imagery, and operational records—is crucial for the success of these models.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Organizational Factors Leadership and Strategic Vision: Successful integration of large models requires strong leadership that is committed to technological innovation. Leaders must articulate a clear strategic vision that aligns with the organization's goals and drives the adoption of new technologies. This involves setting clear objectives, creating a roadmap for implementation, and securing buy-in from all levels of the organization.	
Are subsections and structure of the manuscript appropriate?	Organizational Culture and Change Management: Integrating new technologies often requires a cultural shift within the organization. Employees must be willing to adapt to new processes and workflows. Change management strategies should include communication plans to explain the benefits of the new models, training programs to upskill employees, and support mechanisms to address any resistance. Fostering a culture that values innovation and embraces technological change is essential for smooth implementation. Resource Allocation: Adequate resources are crucial for the integration of large models. This includes financial investments in technology and infrastructure, as well as human resources for development, implementation, and maintenance. Organizations should allocate budgets for technology upgrades, staff training, and ongoing support to ensure successful integration Environmental Factors Regulatory Compliance: The marine industry operates under stringent regulatory frameworks that govern safety, environmental impact, and operational standards. Compliance with these regulations is	

	essential when implementing new technologies. Organizations must stay informed about relevant regulations and ensure that their large models adhere to these standards. This might involve working with regulatory bodies to align technological solutions with legal requirements.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Environmental Factors Regulatory Compliance: The marine industry operates under stringent regulatory frameworks that govern safety, environmental impact, and operational standards. Compliance with these regulations is essential when implementing new technologies. Organizations must stay informed about relevant regulations and ensure that their large models adhere to these standards. This might involve working with regulatory bodies to align technological solutions with legal requirements. Competitive Pressure: The marine industry is highly competitive, and companies must continually innovate to maintain their market position. The adoption of large models can provide a competitive edge by improving efficiency and reducing costs. Organizations need to monitor market trends and competitive actions to stay ahead. This competitive pressure can drive the need for rapid adoption and adaptation of new technologies. External Partnerships and Collaboration: Collaborations with technology providers, research institutions, and industry peers can facilitate the integration of large models. These partnerships can offer access to cutting-edge technologies, specialized expertise, and additional resources. Strategic alliances can help organizations overcome challenges associated with technology adoption and leverage collective knowledge and capabilities.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. **:**	To address these influencing factors, organizations should: 1. Develop a Comprehensive Implementation Strategy: Crafting a detailed plan that outlines goals, timelines, and responsibilities is essential for guiding the integration process. This strategy should include steps for technology deployment, staff training, and performance evaluation. 2. Foster a Culture of Innovation: Encouraging a culture that supports experimentation and embraces technological change can ease the transition to new models. Organizations should create an environment where innovation is rewarded and where employees are motivated to adapt to new technologies.	

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Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	Invest in Training and Support: Providing employees with the necessary training and ongoing support is crucial for effective adoption. Training programs should cover both the technical aspects of the new models and the changes in workflows and processes. 4. Ensure Regulatory Alignment: Regularly review and update integration practices to comply with regulatory requirements. This may involve consulting with legal experts and staying informed about changes in regulations that could impact technology implementation. 5. Monitor and Adapt to Market Changes: Continuously assess the competitive landscape and adapt strategies to remain competitive. This includes staying updated on industry trends and adjusting technology strategies as needed. 6. Leverage Strategic Partnerships: Engage in collaborations with technology providers and research institutions to gain access to advanced solutions and expertise. Partnerships can also provide additional resources and support, helping to overcome barriers to integration. In conclusion, the integration of large industry models into the marine industry requires a comprehensive approach that addresses technological, organizational, and environmental factors. By implementing targeted countermeasures and maintaining a strategic focus, organizations can effectively navigate the complexities of integration and achieve long-term success.	
Optional/General comments		

PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

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