



## ANNUAL REPORT OF THE COMMITTEE 2017/2018

### (Chairman's Report)

#### 1. EXECUTIVE SUMMARY

1.1. This year 2018 marks the 18th Anniversary of the inauguration of the Joint Branch (JB) and the 60<sup>th</sup> anniversary of the inauguration of the IMarEST (previously IMarE) branch in Singapore.

1.2 Eleven committee meetings were held from January to November 2018. All meetings met a quorum.

1.3 The JB committee had another fruitful year of co-hosting technical talks with SNAMEs, SMA at SP and CORE at NUS. Mr James Laybourne of DNV GL was selected by the committee as the best speaker and presented with a certificate by the IMarEST President during the annual dinner in October.2018.

1.4 Continuing on from previous years, two Members Nights were held at the Tanglin Club during the year. Both were very well attended and in both, a technical talk was arranged to share some interesting information in a pleasant atmosphere. These Member nights at the Tanglin Club have been very popular and well attended and same shall be continued also next year.

The 23rd annual Dinner along with the 60<sup>th</sup> Anniversary celebration of the IMarEST in Singapore was held on 19th October 2018 at the Ballroom of Regent by Four Seasons Hotel and was attended by 230 Members and guests. The event was graced by Cmdre Rob Dorey as the Chief Guest and Dr Sanjay Kuttan MD of SMI as Guest of Honour and the first Lifetime Achievement Awards of the Joint Branch were presented to six eminent Singapore members – 3 from RINA and 3 from IMarEST.

As agreed, from 2019, this number will be reduced to 1 Lifetime Achievement Award to a RINA member and 1 to an IMarEST member.

1.5 An annual grant fund of SGD 8365 (4971 GBP) has been received in November 2018 from IMarEST HQ which is less than the SGD 11058.53 received in 2017.

Part of the shortfall is due to drop in value of the pound, while the remaining is due to non-receipt of the Student grant of GBP 1000. A representation has been sent to HQ detailing our student activities in the current year and plans for Student activities in the next year along with a request to remit the student grant.

1.6 The expenditure in Technical Account again exceeded income but has improved slightly from last year. The audited Technical Account will be forward to both HQ after the AGM.

1.7 The ticketing system with Eventbrite continues to provide smooth results and this time has been used also for the AGM, as it helps in getting a close estimates of attendee numbers.

1.8. Fellows of IMarEST met with David Loosley Chief Executive of IMarEST at a Fellows Lunch on Jan 11<sup>th</sup>, 2018 at the Tanglin Club. The late Bob Maxell was awarded with an Honorary Fellowship during the event. Bob who was seriously ill, unfortunately passed away a few months later and is missed by all who knew him.



During the middle of the year, JB Committee members met with Trevor Blakeley Chief Executive of RINA on Aug 16<sup>th</sup>, 2018 over lunch at Tanglin Club. Trevor took the opportunity to attend a Technical talk organised by the Joint Branch that evening, and gave a brief talk to the members in the audience.

1.9 Road shows were organised in Ngee Ann Poly, SMA and SIT to promote the Institute and Institution to Maritime Students. were invited and attended technical talks, members nights and the annual dinner during the year.

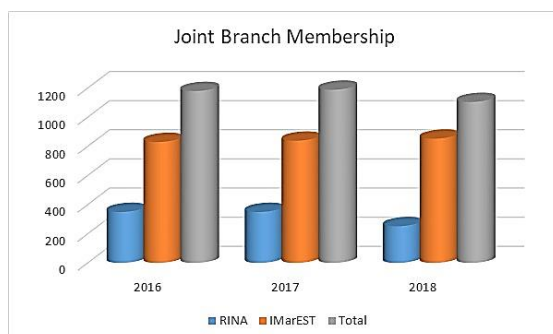
## 2. COMMITTEE MEETINGS (Secretary - A/P Kenneth Low)

### 2.1 The attendance of the committee members in 2018;

S/N	Attendance:		S/N	Attendance	
1.	Arvind Sharma	Chairman (9/11)	9.	William Thomas	Committee Member(8/11)
2.	Chris Kirton	Vice-Chairman (2/11)	10.	Neda Jansepar	Committee Member(0/11)
3.	A/P Kenneth Low	Secretary (10/11)	11.	Dr. Livio Deltin	Co-opted Member(9/11)
4.	Dorab Daruvala	Treasurer(10/11)	12.	Chan Fann Howe	Co-opted Member(8/11)
5.	Ivan Stanev	Asst Secretary(11/11)			
6.	Raymond Chia	Asst Treasurer(8/11)			
7.	Ng Chun Wee	Committee			
8.	Dr. Abdul Hannan	Committee			

13	Dr Arun Kr Dev	Honorary Auditor
14	Mr Kenneth Kee	Honorary Auditor
15	Dr Ivan Tam	Honorary Advisor

Meeting	Date	Status
Committee Meeting #1:	8 <sup>th</sup> January 2018	Completed
Committee Meeting #2:	12 <sup>th</sup> February 2018	Completed
Committee Meeting #3:	12 <sup>th</sup> March 2018	Completed
Committee Meeting #4:	23 <sup>rd</sup> April 2018	Completed
Committee Meeting #5:	21 <sup>st</sup> May 2018	Completed
Committee Meeting #6:	11 <sup>th</sup> June 2018	Completed
Committee Meeting #7:	9 <sup>th</sup> July 2018	Completed
Committee Meeting #8:	13 <sup>th</sup> August 2018	Completed
Committee Meeting #9:	10 <sup>th</sup> September 2018	Completed
Committee Meeting #10:	8 <sup>th</sup> October 2018	Completed
Committee Meeting #11:	12 <sup>th</sup> November 2018	Completed





2.2	RINA as at 30.09.2018:	252 Members
2.3	IMarEST as at 30.09.2018:	853 Members
	Total:	1105 Members

### 3. TECHNICAL PROGRAMME (Chairman: Ng Chun Wee)

3.1 The table shown below is a schedule of the Technical Talks held in 2018:

Twelve Technical events were organized in the year 2018, addressing hot industry topics like energy transition, advanced analytics, autonomous shipping, environmental issues and digital ships.

S/N	Date	Organisation	Speaker/Company	Topic	Organiser	Attendees
1	27 Feb	DNV GL	James Laybourn	Energy Transition Outlook to 2050 and the impacts on the maritime and offshore sectors	JB	40
2	5 Mar	FETraining	Tony Abbey	New Future for Structural Analysis Optimization	IMechE	33
3	13 Apr	Siemens	Sophie Vellutini	Predicting ship systems performance early in the design process using system simulation tools	JB	26
4	23 Apr	Lloyd's Register	Daryl Attwood	Classification, Certification, Verification and Validation of Oil and Gas Megaprojects	CORE	113
5	24 Apr	Southampton Solent Uni	Gordon Meadow	Maritime Autonomous Systems - Workforce Succession Planning for the Future	JB	43
6	10 May	1888 Gennaro Consulting Pte Ltd	Giulio Gennaro	Ship Propulsion Optimisation & Energy Efficiency: Experiences with Unconventional High Efficiency Tip Plate Propellers	SNAMES	50
7	23 May	Synergy IP Pte Ltd	Freeman Yu	Patenting for Engineers	IMechE	51
8	20 Jun	Newcastle Uni	Ivan Tam	The demise of Diesel and his engine	JB	35
9	17 July	Aderco Pte Ltd	Phillippe Lecloux	Sulphur 2020 Capturing the opportunity	JB	43



S/N	Date	Organisation	Speaker /Company	Topic	Organiser	Attendees
10	16 Aug	Wartsila	Raymond Tay	Wartsila HY, A fully integrated hybrid power module	JB	41
11	22 Nov	NTU	Prapisala Thepsithar	An Overview of Alternative Sources of Energy - Their Practicalities for Shipping Industry for GHG Emission Reduction	JB	20
12	6 Dec	Alpha Ori	Piyush Raj	Smart/Autonomous Ship	SNAMES	

### 3.2 Other matters:

Technical Committee supported Dr. Ivan Tam's application to be registered as [IMarEST Recognised Speaker](#) assessed on his June's presentation.

We will continue to organize relevant technical talks in 2019, in topics of general interest like Marine Safety, Artificial Intelligence and Digital technologies.

## Some snapshots from 2018







**Institute Branch Award**

This Is To Certify That

**James Laybourn**

has been awarded the 2017-18 Institute Branch Award for his presentation entitled "Energy Transition Outlook to 2050 and impacts on the maritime and offshore sectors" which was presented to the Institute of Marine Engineering, Science and Technology Singapore Branch on Tuesday 27<sup>th</sup> February 2018

**Branch Chairman:**

**Dated this 4<sup>th</sup> October 2018**

The Institute of Marine Engineering, Science and Technology, Founded 1869  
Incorporated by Royal Charter 1933



**IMarEST Branch  
Certificate awarded to Mr  
James Laybourn's  
presentation on 27 Feb  
2018**

*"Energy Transition to  
2050"*



**4. SOCIAL ACTIVITIES PROGRAMME (Chairman: Ivan Stoychev)**

Summary of social activities in 2018

- 4.1 Members' Night - held on 24 April 2018 at Tanglin Club/Fireplace. The event was Co-organized with the Technical Committee. Presenter was Mr Gordon Meadow, of Southampton Solent University. The event was attended by 43 members.
- 4.2 Members' Night - held on 20 Jun 2018 at Tanglin Club/Fire Place. The event was Co-organized with the Technical Committee. Presenter was Dr Ivan Tam, New Castle University. The event was attended by 35 members.
- 4.3 The 23rd Annual Dinner / 60th Anniversary of IMarE/IMarEST (Singapore) – held on 19th October 2018 at the Regent Four Seasons Hotel. The dinner was attended by 230 members and guests and was graced by Cmdre Rob Dorey, President of IMarEST, as the Chief Guest and Dr Sanjay Kuttan MD of Singapore Maritime Institute, as Guest of Honor. Lifetime achievement awards were presented to 3 RINA members and 3 IMarEST members, and a Certificate was presented to the best technical speaker of the past year.



## 5. STUDENT ACTIVITIES (Coordinator: Chan Fann Howe)

Activities Organised in Year 2018.

- 5.1 The Joint Branch conducted road shows in Ngee Ann Polytechnic, Singapore Maritime Academy and Singapore Institute of Technology to promote the IMarEST and RINA to students who are pursuing either a diploma or degree in marine maritime related qualifications.
- 5.2 The Student Coordinator established a group chat with the student representatives from the various Academic Institution to provide a communication channel between the JB and the Representatives for coordinating future activities.
- 5.3 Students were kept informed and invited to attend Joint Branch Technical Talks.
- 5.4 Thirty students from various Academic Institution were invited to attend the 60th Anniversary Dinner held in Regent Hotel, Singapore to enable interaction and gain insights from IMarEST and RINA members working in the local Maritime industry

Planned Student Activities for Year 2019

- 5.5 Students from various Academic Institution will be invited to present their Projects and Presentations to the IMarEST and RINA members through Joint Branch Events such as Members' Night or an arranged conference.
- 5.6 Select senior students would be invited for the social meets whereby they could interact with IMarEST and RINA members.
- 5.7 Apart from the usual Joint Branch Technical Talks, Special/Ad-Hoc Technical Talks can be arranged with the Academic Institution to tailor to Students Interest such as Big Data management, Unmanned System, 3D Printing as well as Sustainable future development. Students would be given an opportunity to interact with the speakers through a refreshment arranged after the Talk.
- 5.8 For the upcoming Singapore Maritime Week 2019, there is a plan to coordinate with Singapore MPA to invite the students to participate in activities such as Amazing Race, in which they would be exposed Singapore Maritime History, Present as well as future development.

## 6. WEB EDITOR (Dr Mohammed Abdul Hannan)

- 6.1 This year, emails to members were sent in batches of 100, which though time-consuming was effective in preventing emails ending up in the recipient's spam folder. IMarEST and RINA HQ has been providing us with updated list of members every quarter and our mailing lists have been kept updated due to this.
- 6.2 A significant number of bouncing emails are being observed. As we can only update addresses from the HQ lists, members are requested to keep their contact information updated, especially their email address.



- 6.3 Technical talks and other events registration are now regularly being done using Eventbrite, which is proving to be a dynamic and easy to use event hosting platform.
- 6.4 We are grateful to both IMarEST and RINA HQ IT teams, who have helped and supported the Joint Branch IT activities by promptly addressing any technical issues and giving timely feedback and suggestions.

## 7. ACCOUNTS (Treasurer: Dorab D Daruvala)

Technical Account Balance as at 30th September 2018	\$5,616.58
Grant Received from HQ in 2017 (for Year 2017-2018)	\$11,058.53

Year	Technical Account Balance
30/09/2017	\$8,194.72
30/09/2018	\$5,616.58

## 8. CHANGES TO BRANCH CONSTITUTION

The following changes agreed in the 2017 AGM, were incorporated in the Branch constitution, after taking approvals from IMarEST and RINA HQs and the Singapore Registrar of Societies –

### 2 PLACE OF BUSINESS

*Its place of business shall be at "C/O ASMI, 30 Tuas Avenue 10, #07-01 Freight Links ELogistics Technopark, Singapore 639150" or such other address as may subsequently be decided upon by the Committee and approved by the Registrar of Societies. The Society shall carry out its activities only in places and premises which have the prior written approval from the relevant authorities, where necessary.*

#### Replaced with

*Its place of business shall be at "c/o ASMI, 9 Jurong Town Hall Road, #04-03, Trade Association Hub, Singapore 609431" or such other address as may subsequently be decided upon by the Committee and approved by the Registrar of Societies. The Society shall carry out its activities only in places and premises which have the prior written approval from the relevant authorities, where necessary.*

### 16 DISPUTES

*16.1 In the event of any dispute arising amongst members, they shall attempt to re-solve the matter at an Extraordinary General Meeting in accordance with this Constitution. Should the members fail to resolve the matter, they may bring the matter to a court of law for settlement.*

#### Replaced with

*16.1 In the event of any dispute arising amongst members, they shall attempt to re-solve the matter at an Extraordinary General Meeting in accordance with this Constitution. Should the members fail to resolve the matter, they may bring the matter to a court of law in Singapore for settlement.*



## 9. PRESENTATION OF LIFETIME ACHIEVEMENT AWARDS

As agreed in the 2017 AGM, Lifetime Achievement awards were instituted and the first set of awards to 3 RINA members and to 3 IMarEST members, were presented by the IMarEST President at the Annual Dinner in October 2018.

To maintain transparency and fairness, the Joint Branch committee discussed and agreed to selection criteria and procedures, requested for nominations from the membership, and after that, left it to an independent award committee drawn from the Singapore maritime industry to evaluate and select the final awardees.

Presentation of these awards will be continued at future annual dinners, however as agreed in 2017 AGM, the number of awardees will be reduced to one RINA member and one IMarEST member from 2019.

## 10. CONCLUSION

### 10.1 New Committee

We need more members on the committee. The following positions are open for election in this AGM and we encourage members to join and contribute new ideas to the committee for the new year.

Position	Post Open for Election 2018 / 2019	Current Year 2017/ 2018
Chairman	No	Arvind Sharma
Vice Chairman	No	Chris Kirton
Secretary	Yes	A/P Kenneth Low
Assistant Secretary	Yes	Ivan Stoychev
Honorary Treasurer	Yes	Dorab Daruvala
Assistant Treasurer	Yes	Raymond Chia Hong Hwa
Committee member	Yes	Ng Chun Wee
Committee member	Yes	Dr Abdul Hannan
Committee member	Yes	William Thomas Watts
Committee member	Yes	Neda Jansepar (withdrawn)
Co-opted member	No	Chan Fann Howe
Co-opted member	No	Dr Livio Deltin
Co-opted member	No	NIL
Co-opted member	No	NIL
Honorary Advisor	No	Dr Ivan CK Tam
Honorary Auditor	No	Dr Arun Kr Dev
Honorary Auditor	No	Kenneth Kee

10.2 JB has jointly organised technical talks with SNAMEs, SMA at Singapore Polytechnic and the CORE at NUS. The collaboration is working well and will be continued in the coming year. The cost in catering is normally shared between JB and SNAMEs. Ng Chun Wee who is stepping down this year from leadership of the Technical committee, has done an excellent job for the past two years and his contribution is gratefully acknowledged.





10.3 Members' Night has become a popular and well attended social gathering for members and will be continued. The Annual Dinner was a great success this year with an attendance of 230 guests. However, financially it could have been much better, even despite the struggling Shipping economy. We will have to put in more effort in future events for getting industry sponsorships, and we will need to plan a conference event soon to recoup some of the expenses of the annual dinner and 60th Anniversary celebrations. The arrangements have been flawlessly executed by our Social chairman Ivan Stoytchev and he is deserving of our thanks for his ceaseless efforts.

10.4 The ticketing system through EventBrite to Technical Talks, Members' Night and the Annual Dinner was managed well by our web editor Hannan. He has also successfully set up the branch web page and communication to members via IMarEST HQ, thereby making both reliable and fool proof. Our thanks go to him for his contributions and unstinting support

10.5 Much effort has been put in by our Student coordinator Chan Fann Howe during this year for interacting with students and his efforts are greatly appreciated. Renewed efforts will be put in in the coming year to engage with students in the institutes of learning.

10.6 I wish to thank all Office Bearers, Committee Members, Co-opted Members, Honorary Advisor and Auditors for their contribution and support during the past 12 months.

The advice and support from the IMarEST Asia Pac office is acknowledged. The great teamwork and professionalism have made the job of Chairman an easier one.

*Arvind Sharma*

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**Arvind Sharma**

MBA. FRINA. FIMarEST.

Chairman

Joint Branch of RINA & IMarEST (Singapore)

Dated 7th December 2018