INDEX

ADAMS, H. J. Contribution to discussion on Machinery Induced Vibrations April 154 ALOCK, D. G. Contribution to discussion on Some Observations on the White Paper—Better Opportunities in Technical Education : Education of Propulsion October 375 ANDERSON, J. H. Obituary Channelson, J. H. Obituary September 375 ANDERSON, R. N. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion		Issue	Page		Issue	Page
ALCOCK, D. G. Contribution to discussion on Some Observations on the White Paper—Better Opportunities in Technical Education: Education of Group Discussion ANDERSON, J. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion Annual Conversaziones: Report and Photographs Annual Conversaziones: Report and Photographs Annual Dinner, Report and Photographs Annual Dinner, Report and Photographs Annual Dinner, Report and Photographs Annual Conversaziones: Report and Photographs April	ADAMS, H. J. Contribution to discussion on		8-	Autumn Golf Meeting at the Berkshire Golf		8-
on Some Observations on the White Paper—Better Opportunities in Technical Education: Education Group Discussion	Machinery Induced Vibrations	April	154	Club	November	394
Paper—Batter Opportunities in Technical Education: Education Group Discussion Anderson, J. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion And Rander Contribution to discussion on Progress in Automation Annual Conversaziones: Report and Photographs Annual Dinner, Report and Photographs Annual Conversaziones: Report and Photographs Annual Contribution to discussion on Machinery to Marine Propulsion Anscomb, R. Contribution to discussion on Machinery to Marine Propulsion Astronospoculos, S. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion Gas Turbine Machinery to Marine Propulsion The Design and Development of Two-drum Marine Bleterical Engineering to the Scottish Section November 395 Marine Ellectrical Engineering to the Scottish Section November 426 Bartierly, M. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion The Application of Free-piston Gas Turbine Machinery to Marine Propulsion The Application of Free-piston Gas Turbine Machinery to Marine Propulsion BELL, A. Contribution to discussion on The Design and Development of Two-drum Marine Bleters April 169 April 169 December 427 BELL, A. Contribution to discussion on The Design and Development of Two-drum Marine Bleting to the Scottish Section November 297 BELL, A. Contribution to discussion on Number of Two-drum Marine Bleting to the Scottish Sect						7. 11
Discussion Cotober Discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion on Progress in Automation				BAILEY, A. C. Report of junior meeting for		
ANDERSON, J. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion ANDERSON, R. N. Contribution to discussion on Progress in Automation Annual Conversaziones: Report and Photographs Annual Dinner, Report and Photographs ANSCOMB, R. Contribution to discussion on Machinery Induced Vibrations Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsi				the presentation of Marine Electrical		
ANDERSON, J. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion		October	375		November	395
The Application of Free-piston Gas Turbine Machinery to Marine Propulsion		October	313			*1
Turbine Machinery to Marine Propulsion						
December Anderson, J. H. Obituary					Describes	127
ANDERSON, R. N. Contribution to discussion on Progress in Automation Annual Conversaziones: Report and Photographs Annual Dinner, Report and Photographs April April 169 April 170 Annual Dinner, Report and Photographs April 169 April 170 April 1		December	436		December	421
ANDERSON, R. N. Contribution to discussion on Progress in Automation Annual Conversaziones: Report and Photographs Annual Dinner, Report and Photographs Anscomb, R. Contribution to discussion on Machinery Induced Vibrations Antonoproulus, S. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion April 153 April 153 April 154 April 155 April 155 April 155 April 157 April 158 April 158 April 159 BELL, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers	Anderson, J. H. Obituary	February	69			
Annual Conversaziones: Report and Photographs Annual Dinner, Report and Photographs April January January April January Januar						
Annual Conversationes: Report and Photographs		September	341		December	428
Annual Dinner, Report and Photographs April 169 Anscomb, R. Contribution to discussion on Machinery Induced Vibrations April 153 ANTONOPOULOS, S. Contribution of Free-piston Gas Turbine Machinery to Marine Production of Free-piston Gas Turbine Machinery to Marine Propulsion December Machinery to Marine Propulsion		T	22			
Annual Dinner, Report and Photographs ANSCOMR, R. Contribution to discussion on Machinery Induced Vibrations April 153 BELL, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers Cotober 370 Discussion and Authors' Reply	grapns			on The Application of Free-piston Gas		
ANSCOMB, R. Contribution to discussion on Machinery Induced V ibrations April 153 BELL, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 154 Bell, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 154 Bell, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 154 Bell, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 154 Bell, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 154 Bell, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 154 Bell, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 154 Bell, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 154 Bell, A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers	Annual Dinner Report and Photographs				_	
Machinery Induced Vibrations Antonopoulos, S. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion	the second secon	ripin	107		December	426
ANTONOPOULOS, S. Contribution to discussion on The Application of Free-piston Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion, The. Paper by C. W. Herbert and G. F. Milne Discussion Authors' Reply December Application of Planned Maintenance to Steam Turbine Tankers, The. Paper by J. Scott and H. Vickerstaff Discussion May Discussion May May May May May ARCHER, S. Contribution to discussion on Progress and Development in Naval Propulsion Gears 1946-1962 Contribution to discussion on Machinery Induced Vibrations ARKLESS, G. F. and LEITH, T. O. Contribution to discussion on Progress in Automation ARKSIESS, G. F. and LEITH, T. O. Contribution to discussion on March March April May May May May May April May May May March March March Marine Bollers May Notrony, SUTTON, G. and CUTLER, C. J. Paper on Some Observations on the White Paper—Better Opportunities in Technical Education: Education Group Discussion and Authors' Reply Contribution to discussion on Recent Developments in Denny-Brown Ship Stabilizers May May May May May May March March Marine Bollers Contribution to discussion on Merchant Ships May March March March Marine Bollers May March Aleuation: Education Group Discussion and Authors' Reply Moctober May		April	153			
Gas Turbine Machinery to Marine Propulsion Application of Free-piston Gas Turbine Machinery to Marine Propulsion, The. Paper by C. W. Herbert and G. F. Milne Discussion Authors' Reply J. Scott and H. Vickerstaff Discussion Machinery to Maintenance to Steam Turbine Tankers, The, Paper by J. Scott and H. Vickerstaff May Discussion Machinery in May				Marine Roilers	February	61
Paper on Some Observations on the White Paper Deportunities in Technical Education: Ed	sion on The Application of Free-piston			BELL A. W., SUTTON G. and CUTLER C. I.	rebruary	01
Propulsion of Free-piston Gas Turbine Machinery to Marine Propulsion, The. Paper by C. W. Herbert and G. F. Milne Discussion		-	105			
Machinery to Marine Propulsion, The. Paper by C. W. Herbert and G. F. Milne Discussion		December	427			
Paper by C. W. Herbert and G. F. Milne Discussion Authors' Reply December And Authors'					44	
Discussion Authors' Reply		December	401			
Authors' Reply December Application of Planned Maintenance to Steam Turbine Tankers, The, Paper by J. Scott and H. Vickerstaff May 195 Authors' Reply May 195 Authors' Reply May 195 Arkless, G. Contribution to discussion on Machinery Induced Vibrations March bution to discussion on Progress in Automation September 354 Arknis, H. F. Contribution to discussion on Garsal General Purpose of Massile Destrovers and General Purpose of Massile Destrovers and General Purpose of March and General Purpose of March and General Purpose of March Recent Developments in Denny-Brown Ship Stabilizers					October	370
Application of Planned Maintenance to Steam Turbine Tankers, The. Paper by J. Scott and H. Vickerstaff May 195 Authors' Reply May 202 ARCHER, S. Contribution to discussion on Progress and Development in Naval Propulsion Gears 1946-1962 March 106 March 108 Contribution to discussion on Machinery Induced Vibrations April 149 ARKLESS, G. F. and Leith, T. O. Contribution to discussion on Progress in Automation September ARMSTRONG, A. R. Obituary September on Machinery Installations of Guided Missile Destroyers and General Purpose Arisile Destroyers and General Purpose May 177 May 195 May 202 May 202 BERRY, G. Contribution to discussion on Some Aspects of Noise Reduction in Merchant Ships						3 15
Steam Turbine Tankers, The. Paper by J. Scott and H. Vickerstaff May J. Scott					Tuly "	249
J. Scott and H. Vickerstaff Discussion May Discussion May Authors' Reply May Progress and Development in Naval Propulsion Gears 1946-1962 March Contribution to discussion on Machinery Induced Vibrations March Discussion May May Progress and Development in Naval Propulsion Gears 1946-1962 March March March May 195 May 195 May 106 BILTON, J. Contribution to discussion on Progress and Development in Naval Propulsion Gears 1946-1962 March March March 108 BILATCHFORD, R. W. Obituary February Boiler Water, Dissolved Gases in. Paper by R. J. Saunders and J. D. Bates BOLT, J. A. Contribution to discussion on The Design and Development of Two- drum Marine Boilers February Atkins, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose	Steam Turbine Tankers, The. Paper by				July	217
Authors' Reply May Authors' Reply May Archer, S. Contribution to discussion on Progress and Development in Naval Propulsion Gears 1946-1962 March Induced Vibrations March Arkless, G. F. and Leith, T. O. Contribution to discussion on Progress in Automation September Arkstrong, A. R. Obituary September On Machinery Installations of Guided Missile Destroyers and General Purpose May 202 Merchant Ships						
ARCHER, S. Contribution to discussion on Progress and Development in Naval Propulsion Gears 1946-1962 March Induced Vibrations March Induced Vibrations March Induced Vibrations March Induced Vibrations September Induced Vibration to discussion on Progress in Automation September Induced Vibration to discussion on Progress in Automation September Induced Vibrations on Progress in Automation September Induced Vibrations on Progress in Automation September Induced Vibrations on Progress in Automation					June	226
Progress and Development in Naval Propulsion Gears 1946-1962 March Propulsion Gears 1946-1962 March Contribution to discussion on Machinery Induced Vibrations April ARKLESS, G. F. and Leith, T. O. Contribution to discussion on Progress in Automation September ARMSTRONG, A. R. Obituary September on Machinery Installations of Guided Missile Destroyers and General Purpose March Marc		May	202	BILTON, J. Contribution to discussion on		
Propulsion Gears 1946-1962 March March 108 Contribution to discussion on Machinery Induced Vibrations April 149 ARKLESS, G. F. and LEITH, T. O. Contribution to discussion on Progress in Automation September 354 ARMSTRONG, A. R. Obituary February 69 ATKINS, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose 108 March 108 BLATCHFORD, R. W. Obituary March 109 February 69 R. J. Saunders and J. D. Bates November 381 BOLT, J. A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers September 354 BOLTON, J. A. Obituary October 380 Bombay Section, Annual General Meeting Bombay Section, Annual Report May 205 Bombay Section Report March 109 March 108 March 108 March 108 March 109 February 69 R. J. Saunders and J. D. Bates November 381 BOLT, J. A. Contribution to discussion on Checken Contribution to discussion on The Design and Development of Two-drum Marine Boilers October 380 Bombay Section, Annual General Meeting Bombay Section, Annual Report May 205						
Contribution to discussion on Machinery Induced Vibrations ARKLESS, G. F. and LEITH, T. O. Contribution to discussion on Progress in Automation ARMSTRONG, A. R. Obituary ARKSTRONG, A. R. Obituary ATKINS, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose March April 149 BLATCHFORD, R. W. Obituary February Boiler Water, Dissolved Gases in. Paper by R. J. Saunders and J. D. Bates BOLT, J. A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 58 BOLTON, J. A. Obituary October 380 Bombay Section, Annual General Meeting Bombay Section, Annual Report May 205 Bombay Section Report May 205	Propulsion Gears 1946-1962	March	106	Propulsion Gears 1946-1962	100000000000000000000000000000000000000	
Contribution to discussion on Machinery Induced Vibrations April 149 ARKLESS, G. F. and Leith, T. O. Contribution to discussion on Progress in Automation September 354 ARMSTRONG, A. R. Obituary February 69 Atkins, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose 381 Boiler Water, Dissolved Gases in. Paper by R. J. Saunders and J. D. Bates November 381 Bollt, J. A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 58 Bollton, J. A. Obituary October 380 Bombay Section, Annual General Meeting Bombay Section, Annual Report May 205 Bombay Section Report May 205	Tropusion Gears 1510 1502			Dr. amovaron D. W. Obitanoma		
ARKLESS, G. F. and Leith, T. O. Contribution to discussion on Progress in Automation September 354 ARMSTRONG, A. R. Obituary February 69 Atkins, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose 381 R. J. Saunders and J. D. Bates November 381 BOLT, J. A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers September 354 BOLTON, J. A. Obituary October 380 Bombay Section, Annual General Meeting Bombay Section, Annual Report May 205 Bombay Section Report May 205	Contribution to discussion on Machinery				rebluary	0,3
ARKLESS, G. F. and LEITH, T. O. Contribution to discussion on Progress in Automation September 354 ARMSTRONG, A. R. Obituary February 69 ATKINS, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose 354 Missile Destroyers and General Purpose 354 BOLT, J. A. Contribution to discussion on The Design and Development of Two-drum Marine Boilers February 58 BOLTON, J. A. Obituary October 380 Bombay Section, Annual General Meeting May 205 Bombay Section, Annual Report May 205 Bombay Section Report May 205		April	149		November	381
bution to discussion on Progress in Automation September 354 ARMSTRONG, A. R. Obituary February 69 ATKINS, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose 354 The Design and Development of Two-drum Marine Boilers February 58 BOLTON, J. A. Obituary October 380 Bombay Section, Annual General Meeting May 205 Bombay Section, Annual Report May 205 Bombay Section Report May 205	ARKLESS, G. F. and LEITH, T. O. Contri-					
ARMSTRONG, A. R. Obituary February ARMSTRONG, A. R. Obituary February ATKINS, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose ARMSTRONG, A. R. Obituary October Bombay Section, Annual General Meeting May Bombay Section, Annual Report May 205 Bombay Section Report May 205						
ATKINS, H. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Purpose Bombay Section, Annual General Meeting May 205 Bombay Section, Annual Report May 205 Bombay Section Report May 205				drum Marine Boilers		
on Machinery Installations of Guided Bombay Section, Annual Report May Missile Destroyers and General Purpose Bombay Section Report May 205 Bombay Section Report May 205		February	69	BOLTON, J. A. Obituary		
Missile Destroyers and General Purpose Bombay Section Report May 205				Bombay Section, Annual General Meeting		
Dombay Occion Report				Bombay Section, Annual Report		
		January	21	Bourceau, G. A. Contribution to discussion	iviay	203
Automation, Progress in. Paper by R. BOURCEAU, G. A. Contribution to discussion on Machinery Induced Vibrations April 153		January	~ ~	on Machinery Induced Vibrations	April	153
Munton, J. McNaught and J. N. Braddon, F. D., Cronemeyer, R.N. and	Munton I McNaught and I N			Braddon, F. D., Cronemeyer, R.N. and		
Mackenzie September 297 SAUL, C. G. Contribution to discussion		September	297	SAUL, C. G. Contribution to discussion		
Discussion September 338 on Recent Developments in Denny-			338	on Recent Developments in Denny-		250
Authors' Reply September 355 Brown Ship Stabilizers July 250	Authors' Reply	September	355	Brown Ship Stabilizers	July	250

	Issue	Page		Issue	Page
Bradley, D. Contribution to discussion on		244	CONN, R. B. Contribution to discussion on		
Progress in Automation	September	346	Some Aspects of Noise Reduction in	T	227
Branton, T. A. Obituary BRIGGS, N. Obituary	February September	70 359	Merchant Ships	June	226
Briggs, N. Obituary Brown, G. J. Obituary	Iune	236	Cook, R. Contribution to discussion on The		
Brown, T. W. F. Contribution to discussion	June	230	Application of Free-piston Gas Turbine Machinery to Marine Propulsion	December	424
on Progress and Development in Naval			Cook, R. and Fleming, N. Paper on Some	December	727
Propulsion Gears 1946-1962	March	108	Aspects of Noise Reduction in Merchant		
Paper on Shore Trials of Marine Steam			Ships	June	209
Turbine Machinery	August	261	Discussion	June	224
Discussion	August	288	Authors' Reply	June	231
Author's Reply	August	294	Cook, R. N. Contribution to discussion on		
BUNYAN, T. W. Contribution to discussion on Machinery Induced Vibrations	April	147	Some Observations on the White Paper		
Contribution to discussion on Recent	April	14/	—Better Opportunities in Technical		
Developments in Denny-Brown Ship			Education: Education Group Discus-	Octobor	375
Stabilizers	July	248	Sion	October	70
BUTLER, S. M. Contribution to discussion			CORSIE, W. Obituary	February	359
on The Application of Free-piston Gas			CONCRANA A A Contribution to discuss	September	339
Turbine Machinery to Marine Pro-		105	COUCHMAN, A. A. J. Contribution to discussion on <i>Machinery Induced Vibrations</i>	April	150
pulsion	December	425	Couper, J. C. Obituary	Tune	236
Byard, S. A. Contribution to discussion on Some Aspects of Noise Reduction in			CRONEMEYER, R. N., SAUL, C. G. and	June	250
Merchant Ships	June	224	Braddon, F. D. Contribution to dis-		
in in in	June		cussion on Recent Developments in		
			Denny-Brown Ship Stabilizers	July	250
Calcutta Section Annual General Meeting	May	206	CULLINANE, J. H. Obituary	April	176
Calcutta Section Report	May	206	CUMMING, J. Obituary	September	359
CALDERWOOD, J. Contribution to discussion			CUTLER, C. J., BELL, A. W. and SUTTON, G.	-	
on Some Aspects of Noise Reduction in	June	224	Paper on Some Observations on the		
Merchant Ships	June	224	White Paper—Better Opportunities in		
on The Application of Planned Main-			Technical Education: Education Group	0 . 1	2
tenance to Steam Turbine Tankers	May	195	Discussion	October	361 370
CAMPBELL, J. Obituary	November	399	Discussion and Authors' Reply	October	3/0
CANHAM, H. J. S. Contribution to discus-					
sion on The Application of Planned					
Maintenance to Steam Turbine Tankers		199	Danagher, J. H. Contribution to discussion	0 . 1	246
Cape Town Section Dinner and Dance		377 377	on Progress in Automation	September	345
Cape Town Section Report CAREY, V. Contribution to discussion on	October	3//	DARLINGTON, W. H. Contribution to dis-		
Machinery Installations of Guided			cussion on Machinery Installations of Guided Missile Destroyers and General		
Missile Destroyers and General Purpose			Purpose Frigates	January	19
Frigates	January	22	DAVIES, J. B. Contribution to discussion on	Juliaury	1,
CARTER, W. C. Contribution to discussion			Machinery Induced Vibrations	April	159
on The Design and Development of	T. 1		DAVIES, J. W. Contribution to discussion		
Two-drum Marine Boilers	February	56	on The Application of Free-piston Gas		
CHAMBERS, G. H. Contribution to discussion on Machinery Installations of Guided			Turbine Machinery to Marine Pro-		
Missile Destroyers and General Purpose				December	428
Frigates	January	27		November	399
Contribution to discussion on Progress			DAVIS, A. W. Contribution to discussion		
in Automation	September	349	on Progress and Development in Naval		
CLEMENTS, H. A. Contribution to discus-			Propulsion Gears 1946-1962	March	101
sion on Machinery Installations of			Contribution to discussion on The Application of Planned Maintenance to		
Guided Missile Destroyers and General Purpose Frigates	Innuary	23	Steam Turbine Tankers	May	196
Purpose Frigates Contribution to discussion on Progress	January	23	Contribution to discussion on Some	Trady	170
and Development in Naval Propulsion			Aspects of Noise Reduction in Merchant		
Gears 1946-1962	March	105	Ships	June	229
CLIFTON, W. L. Contribution to discussion			DAY, G. A. Obituary	February	70
on The Application of Free-piston Gas			DAY, R. J. Obituary	June	236
Turbine Machinery to Marine Pro-	D .	121	Denny-Brown Ship Stabilizers, Recent		
pulsion	December	431	Developments in. Paper by C. C.		
Cody, J. C. Obituary	March	119	Mitchell and H. Volpich	July	237
Colombo Section Annual General Meeting	July	254	Discussion	July	248
Colombo Section, Annual Report	July	254	Authors' Reply	July	252
Colombo Section: Report of visit to work- shops of Messrs. Walker and Sons and			Design and Development of Two-drum Marine Boilers, The. Paper by E. G.		
Co	November	394	Hutchings raper by E. G.	February	37
Colombo Section Reports	July	254	Discussion	February	54
	November		Author's Reply	February	63

	Issue	Page		Issue	Page
Development in Naval Propulsion Gears			Franklin, A. E. Contribution to discussion on Some Observations on the White		
1946-1962, Progress and. Paper by P. D. V. Weaving and W. H. Sampson	March	73	Paper—Better Opportunities in Tech-		
Discussion	March	101	nical Education: Education Group		
Authors' Reply	March	110	Discussion	October	373
Development of Two-drum Marine Boilers, The Design and. Paper by E. G.			Free-piston Gas Turbine Machinery to Marine Propulsion, The Application of.		
Hutchings	February	37		December	401
Discussion	February	54	Discussion	December	424
Author's Reply DE Wolf, J. Obituary	February December	63 446	Authors' Reply French, C. C. I. Contribution to discussion	December	437
Dissolved Gases in Boiler Water. Paper by	December		on The Application of Free-piston Gas		
R. J. Saunders and J. D. Bates	November	381	Turbine Machinery to Marine Pro-		10.1
Doig, E. J. Obituary	February	70 176	pulsion	December	424
Douglas, W. A. R. Obituary Du Cane, P. Contribution to discussion on	April	1/6			
Recent Developments in Denny-Brown			GANGULY, S. Contribution to discussion on		
Ship Stabilizers	July	248	Some Aspects of Noise Reduction in Merchant Ships	June	227
DUNLOP, J. M. C. and GOOD, E. B. Paper on Machinery Installations of Guided			GARSIDE, J. E. Report of meeting for the	June	227
Missile Destroyers and General Purpose			presentation of Metallurgy in Marine		
Frigates	January	1	Engineering to the North Midlands Section	May	206
Discussion Authors' Reply	January January	19 29	GELLING, D. W. Portrait, Appreciation and	Iviay	200
ruthors kepty	January	29	Obituary	June	235
Free D. Oliv		110	General Purpose Frigates, Machinery Instal-		
EADIE, D. Obituary ECKHARD, J. W. Contribution to discussion	March	118	lations of Guided Missile Destroyers and. Paper by J. M. C. Dunlop and		
on Machinery Induced Vibrations	April	158	E. B. Good	January	1
Education Group Discussion: Some Obser-			Discussion	January	19 29
vations on the White Paper—Better Opportunities in Technical Education.			Authors' Reply GIBBONS, D. J. Contribution to discussion	January	29
Paper by G. Sutton, C. J. Cutler and			on Shore Trials of Marine Steam		
A. W. Bell		361	Turbine Machinery	August	290
Discussion and Authors' Reply		370	GILCHRIST, A. Contribution to discussion	September	345
Election of Members	January February	35 67	on Progress in Automation GILL, P. A. Contribution to discussion on	September	343
	March	116	Progress in Automation	September	351
	April	174 206	GIVEN, J. G. C. Contribution to discussion		
	May July	255	on Progress and Development in Naval Propulsion Gears 1946-1962	March	108
	October	377	GLASS, A. E. C. Obituary	February	71
	November December	397 444	Good, E. B. Contribution to discussion on		
ELVISH, J. D. F. Obituary	September		The Design and Development of Two-	T-h	60
, , ,,			drum Marine Boilers Contribution to discussion on Progress	February	60
* FINCH, C. F. J. Paper on Marine Salvage		447	and Development in Naval Propulsion		
FENTON, J. E. Contribution to discussion		77/	Gears 1946-1962	March	104
on The Application of Planned Main-		107	Good, E. B. and Dunlop, J. M. C. Paper on Machinery Installations of Guided		
tenance to Steam Turbine Tankers FLEMING, N. and COOK, R. Paper on Some	May	197	Missile Destroyers and General Purpose		
Aspects of Noise Reduction in Merchant			Frigates	January January	19
Ships	June	209	Discussion Authors' Reply	January	29
Discussion Authors' Reply	June June	224 231	GOODWIN, A. J. H. Contribution to discus-		
FLETCHER, D. C. Obituary	February	71	sion on Shore Trials of Marine Steam	August	290
FLETCHER, G. C. Contribution to discussion			Turbine Machinery GRAY, D. Contribution to discussion on	August	290
on Machinery Installations of Guided Missile Destroyers and General Purpose			Progress in Automation	September	348
Frigates	January	20	GREEN, J. I. T. Contribution to discussion		
FLETCHER, H. E. Obituary	June	236	on Machinery Installations of Guided		
FORSYTH, G. H. Contribution to discussion			Missile Destroyers and General Purpose Frigates	January	27
on Shore Trials of Marine Steam Turbine Machinery		292	Contribution to discussion on Progress		
FOWLER, A. Contribution to discussion on			and Development in Naval Propulsion	March	106
Machinery Installations of Guided			Gears 1946-1962 GRIFFITH, J. B. Report of meeting for the	17Idi Cii	100
Mannala Dantuariana and Canaval Danta			Character, J. D. Report of meeting for the		
Missile Destroyers and General Purpose Frigates		23	presentation of The Selection of Machinery for Small Ships to the		

C	Issue	Page		Issue	Page
GUGLIELMOTTI, A. Contribution to discussion on Machinery Induced Vibrations	April	155	HINSON, A. R. Contribution to discussion on Machinery Induced Vibrations	April	151
Guided Missile Destroyers and General Purpose Frigates, Machinery Instal-			Contribution to discussion on The Application of Planned Maintenance to	14-	201
lations of. Paper by J. M. C. Dunlop and E. B. Good	January	1	Steam Turbine Tankers Contribution to discussion on The	May	201
Discussion Authors' Reply	January January	19 29	Application of Free-piston Gas Turbine Machinery to Marine Propulsion	December	425
HALLEY, G. B. Contribution to discussion			HOARE, J. Contribution to discussion on Machinery Induced Vibrations Authors' Reply	November November	386 388
	September	351	Hobson, S. Obituary	July	259
HARPER, M. Contribution to discussion on The Design and Development of Two-			Hogg, R. S. Report of junior meeting for the presentation of Launching of Ships	J ,	
drum Marine Boilers HARRIS, F. R. Contribution to discussion on	February	60	to the West of England Section Hogg, S. Contribution to discussion on	April	174
Machinery Installations of Guided			Some Observations on the White Paper		
Missile Destroyers and General Purpose Frigates	January	23	—Better Opportunities in Technical Education: Education Group Discussion	Octobor	370
HARROLD, A. F. Contribution to discussion	3		Holmes, E. Report of meeting for the pre-	October	3/0
on The Application of Planned Main-	1000	and the second	sentation of Use of Models in Engineer-		
tenance to Steam Turbine Tankers	May	199		November	395
HARTNELL-BEAVIS, M. Contribution to dis-			HOLTON, J. E. Contribution to discussion		
cussion on Some Aspects of Noise Reduction in Merchant Ships	Inne	227	on Some Aspects of Noise Reduction in	7	225
HARVEY, N. J. M. Obituary	June	236	Merchant Ships	June	225
HAWKINS, J. W. Report of meeting for the	June	250	HOWARD, P. J. Contribution to discussion on Some Observations on the White		
presentation of Gas Turbine to the			Paper—Better Opportunities in Tech-		
South East England Section	June	234	nical Education: Education Group		
HAWKINS, R. S. Contribution to discussion			Discussion	October	370
on The Application of Planned Main-	34	200	HUGHES, G. H. Contribution to discussion		
tenance to Steam Turbine Tankers HAYDEN, R. L. J. Contribution to discussion	May	200	on The Application of Free-piston Gas		
on The Design and Development of			Turbine Machinery to Marine Pro- pulsion	December	430
	.February	54	HUNTER, SIR SUMMERS. Portrait and	December	150
HENDERSON, J. M. Contribution to discus-			Obituary	May	208
sion on The Application of Free-piston			Hunton, C. Obituary	September	359
Gas Turbine Machinery to Marine		125	HUTCHINGS, E. G. Contribution to discus-	•	
Propulsion	December	435	sion on Machinery Installations of		
HENSHALL, S. H. Report of meeting for the presentation of <i>The Possibilities of</i>			Guided Missile Destroyers and General	7	20
Modern Medium Speed Engines for			Purpose Frigates Paper on The Design and Development	January	28
Marine Propulsion to the Scottish			of Two-drum Marine Boilers	February	37
Section. Joint meeting with the Insti-	1.0		Discussion	February	54
tution of Engineers and Shipbuilders in		442	Author's Reply	February	63
Scotland	December	442	Contribution to discussion on Progress	0 . 1	242
HERBERT, C. W. and MILNE, G. F. Report of meeting for the presentation of <i>The</i>			in Automation Report of meeting for the presentation	September	343
Application of Free-piston Gas Turbine			of The Design and Development of		,
Machinery to Marine Propulsion to the			Two-drum Marine Boilers to the West		
North East Coast Section, Joint meet-			of England Section	December	444
ing with the North East Branch of the Institution of Mechanical Engineers	November	394			
Paper on The Application of Free-piston	November	337	Towns D. M. Co. N. S.		
Gas Turbine Machinery to Marine			INCHES, R. M. Contribution to discussion on The Design and Development of		
Propulsion	December	401	Two-drum Marine Boilers	February	57
Discussion	December	424	Institute Awards	Tune	233
Authors' Reply HETHERINGTON, H. J. Contribution to dis-	December	437	IRVIN, C. W. Contribution to discussion on	1	
cussion on Some Observations on the			Machinery Induced Vibrations	April	160
White Paper—Better Opportunities in			IRVINE, R. J. Obituary	October	380
Technical Education: Education Group					
Discussion	October	376			
HICKS, J. Contribution to discussion on		240	JACKSON, G. S. Contribution to discussion	S	200
Progress in Automation	September	349	on Progress in Automation	September	350
HILDREW, B. Contribution to discussion on Progress in Automation	September	348	JACKSON, P. Contribution to discussion on Machinery Induced Vibrations	April	145
HILL, A. Contribution to discussion on	September	540	JAMES, N. J. Contribution to discussion on	ripin	147
Machinery Induced Vibrations	November	387	Progress and Development in Naval		
Authors' Reply	November	388	Propulsion Gears 1946-1962	March	105

	Issue	Page		Issue	Page
JENKS, W. S. C. Contribution to discussion			McClimont, W. and Johnson, A. J. Report	13346	1 age
on The Design and Development of			of meeting for the presentation of		
Two-drum Marine Boilers	February	59	Machinery Induced Vibrations to the		
Contribution to discussion on Progress	0	220	South Wales Section (Swansea)	March	115
in Automation JOHNSON, A. J. and McCLIMONT, W. Report	September	338	Paper on Machinery Induced Vibrations	April	121
of meeting for the presentation of			Discussion	April	145
Machinery Induced Vibrations to the			Authors' Reply	April	162
	March	115	McGregor, J. Contribution to discussion	C1	250
Paper on Machinery Induced Vibrations	April	121	on Progress in Automation	September	350
Discussion		145	McGuire, W. C. Contribution to discussion on The Application of Free-piston Gas		
Authors' Reply	April	162	Turbine Machinery to Marine Pro-		
Jones, T. P. Contribution to discussion on			pulsion	December	430
Progress and Development in Naval Propulsion Gears 1946-1962	March	103	MACKENZIE, J. N. Contribution to discus-		
Tropulsion Gears 1910-1902	March	103	sion on The Design and Development		
JOUGHIN, J. H. Contribution to discussion		100	of Two-drum Marine Boilers	February	58
on Progress and Development in Naval			MACKENZIE, J. N., MUNTON, R. and		
Propulsion Gears 1946-1962	March	108	McNaught, J. Paper on Progress in		
			Automation Discussion	September	
KEEN, G. C. Report of meeting for the			Authors' Reply	September September	
presentation of Air Cushioned Vehicles			Report of meeting for the presentation	September	333
	November	395	of Progress in Automation to the West		
KERMACK, G. S. Contribution to discussion			of England Section	November	396
on Progress in Automation	September	343	McNaught, J., Munton, R. and Mackenzie,		
King, A. J. Contribution to discussion on			J. N. Paper on Progress in Automation	September	
Some Aspects of Noise Reduction in	Tuna	225	Discussion	September	
Merchant Ships KING, J. R. Contribution to discussion on	June	223	Authors' Reply	September	355
The Application of Planned Main-	- 4		Report of meeting for the presentation of <i>Progress in Automation</i> to the West		
tenance to Steam Turbine Tankers	May	197	of England Section	November	396
Kingston upon Hull Section Report	November	394	MacNicol, E. W. Obituary	Tune	236
KISSELL, N. McF. Obituary	February	71	MACVICAR, J. K. W. Contribution to dis-	3	
KLEINER, A. Contribution to discussion on			cussion on Some Aspects of Noise Re-		
	April	158	duction in Merchant Ships	June	227
KVERNDAL, O. G. Obituary	December	446	Machinery Induced Vibrations. Paper by		
			A. J. Johnson and W. McClimont	April	121
LACKENBY, H. Contribution to discussion			Discussion	April	145
on Machinery Induced Vibrations	April	148	Authors' Reply	April	162
I The District II I and	April	160	MANSFIELD, H. F. Contribution to discussion on <i>The Application of Free-piston</i>		
LEIGHTON, The Right Honourable Lord Obituary	November	399	Gas Turbine Machinery to Marine Pro-		
Obituary LEITH, T. O. and ARKLESS, G. F. Contri-	November	377	pulsion	December	431
bution to discussion on Progress in			Marine Propulsion, The Application of		
Automation	September	354	Free-piston Gas Turbine Machinery to.		
LEMUT, I. G. Contribution to discussion on			Paper by C. W. Herbert and G. F.	_	
Recent Developments in Denny-Brown			Milne	December	401
Ship Stabilizers	July	250	Discussion Authors' Reply	December December	424 437
LINDÉN, R. A. Contribution to discussion			* Marine Salvage. Paper by C. F. J. Finch	December	447
on The Design and Development of Two-drum Marine Boilers	February	60	Marine Steam Turbine Machinery, Shore		117
LINDSEY, W. H. Report of meeting for the	reditiary	00	Trials of. Paper by T. W. F. Brown	August	261
presentation of Bristol Siddeley Olympus			Discussion	August	288
Turbo Generator Sets to the West			Author's Reply	August	294
Midlands Section	February	67	MARKHAM, B. G. Contribution to discussion		
LIVERSAGE, J. Obituary	September	359	on Machinery Installations of Guided		
LOMAS, S. D. Contribution to discussion			Missile Destroyers and General Purpose	T	20
on Machinery Installations of Guided			Frigates	January	28
Missile Destroyers and General Purpose	7	27	MASON, C. A. Contribution to discussion on The Design and Development of		
Frigates	January	27	Two-drum Marine Boilers with author's		
LOWRIE, J. C. Obituary and Appreciation	Pebruary	69	reply	April	168
			MAY, G. Contribution to discussion on	1	
McAfee, J. Contribution to discussion on			Progress in Automation	September	344
The Application of Planned Main-			Contribution to discussion on The	had a to the	
tenance to Steam Turbine Tankers	May	196	Application of Free-piston Gas Turbine	Daggarahan	120
McClimont, W. Contribution to discussion			Machinery to Marine Propulsion	December October	429 380
on The Application of Free-piston Gas			MEES, E. E. Obituary	October	300
Turbine Machinery to Marine Pro-	Danasta	121	* Canadian Supplement, No. 14, December 1963.	E1 3	
halsion	Liecember	474	· Calladian Supplement, No. 14, December 1705		

	Issue	Page		Issue	Page
MELVIN, E. W. Obituary	July	259	Moiroux, A. Contribution to discussion on		
Merchant Ships, Some Aspects of Noise	3 - 3		The Application of Free-piston Gas		
Reduction in. Paper by R. Cook and N.			Turbine Machinery to Marine Pro-		
Fleming	June	209	pulsion	December	425
Discussion	Tune	224	MORTON, A. J. Contribution to discussion		
Authors' Reply	June	231	on Shore Trials of Marine Steam Tur-		
MERRITT, H. E. Contribution to discussion			bine Machinery	August	292
on Progress and Development in Naval			MUIRHEAD, A. Contribution to discussion	U	
Propulsion Gears 1946-1962	March	107	on Machinery Induced Vibrations	April	154
MERWOOD, W. C. Obituary	July	259		riprii	15.
MILLAR, J. L. Contribution to discussion	3 3		MUNTON, R. Report of meeting for the		
on Machinery Induced Vibrations	April	154	presentation of Automation to the	A muil	174
MILNE, G. F. and HERBERT, C. W. Report			Northern Ireland Panel	April	174
of meeting for the presentation of <i>The</i>			MUNTON, R., McNaught, J. and Mackenzie,	_	
Application of Free-piston Gas Turbine			J. N. Paper on Progress in Automation	September	
Machinery to Marine Propulsion to the			Discussion	September	
North East Coast Section. Joint meet-			Authors' Reply	September	355
ing with the North East Branch of the			Report of meeting for the presentation		
Institution of Mechanical Engineers	November	394	of Progress in Automation to the West		
Paper on The Application of Free-piston	1 to terrious		of England Section	November	396
Gas Turbine Machinery to Marine			MURPHY, D. C. Contribution to discussion		
Propulsion	December	401	on Some Aspects of Noise Reduction		
Discussion	December		in Merchant Ships	June	228
Authors' Reply	December		***	7	
MILNE, P. A. Contribution to discussion on	December	157			
Machinery Installations of Guided			Naval Propulsion Gears 1946-1962, Progress		
Missile Destroyers and General Pur-			and Development in. Paper by P. D. V.		
pose Frigates	January	28	Weaving and W. H. Sampson	March	73
Contribution to discussion on The	January	20	Discussion	March	101
			Authors' Reply	March	110
Application of Free-piston Gas Turbine Machinery to Marine Propulsion	December	435		December	446
Machinery to Marine Propulsion MILTON, J. H. Contribution to discussion	December	433	NAYSMITH, A. T. Obituary	The state of the s	119
			Nelson, G. Obituary	March	115
on The Design and Development of Two-drum Marine Boilers	February	57	NESTORIDES, E. J. Contribution to discus-		1.47
	rebluary	31	sion on Machinery Induced Vibrations	April	147
Contribution to discussion on Some			NEWMAN, A. D. Contribution to discussion		
Aspects of Noise Reduction in Merchant	Tumo	228	on Progress and Development in Naval		
Ships	June	220	Propulsion Gears 1946-1962	March	109
MINTON, A. S. Report of meeting for the			NICOL, J. Obituary, Appreciation and Photo-		
presentation of Non-destructive Testing	Manak	114	graph	March	118
to the South Wales Section (Cardiff)	March	114	Noise Reduction in Merchant Ships, Some		
Minutes of Proceedings of Joint Meeting	Tours	233	Aspects of. Paper by R. Cook and		
held on 12th February 1963	June	255	N. Fleming	June	209
Minutes of Proceedings of Meeting of Joint			Discussion	June	224
Panel on Nuclear Marine Propulsion	0.1.1	277	Authors' Reply	June	231
held on 27th November 1962	October	377	North East Coast Section Annual Dinner	June	20.
Minutes of Proceedings of Meeting of Joint				Manah	114
Panel on Nuclear Marine Propulsion	0 . 1	277	and Dance	March	114
held on 7th May 1963	October	377	North East Coast Section Autumn Golf		20.
Minutes of Proceedings of Ordinary Meeting	+	34	9	November	
held on 9th October 1962	January	34	North East Coast Section Joint Golf Match	November	394
Minutes of Proceedings of Ordinary Meeting	F-1	67	North East Coast Section Reports	March	114
held on 13th November 1962	February	07		July	254
Minutes of Proceedings of Ordinary Meeting	3.6	114		November	394
held on 11th December 1962	March	114	North East Coast Section Spring Golf		
Minutes of Proceedings of Ordinary Meeting	A	174	Meeting	July	254
held on 8th January 1963	April	1/4	Northern Ireland Panel Reports	April	174
Minutes of Proceedings of Ordinary Meeting	Mari	205		July	254
held on 22nd January 1963	May	205	North Midlands Section Report	May	206
Minutes of Proceedings of Ordinary Meeting	Tueler	254	Hortin Midiands Section Report	11243	
held on 26th February 1963	July	234			
Minutes of Proceedings of Ordinary Meeting	A	206	Ohitanama		
held on 9th April 1963	August	296	Obituary	February	69
Minutes of Proceedings of Ordinary Meeting	Camtambamba	. 260	Anderson, J. H		69
held on 23rd April 1963	Septembe	er 360	Armstrong, A. R	February	
Minutes of Proceedings of Ordinary Meeting	November	. 202	Blatchford, R. W	February	380
held on 1st October 1963	Novembe	r 393	Bolton, J. A	October	380
Minutes of Proceedings of Ordinary Meeting	Daga	. 442	Branton, T. A	February	359
held on 8th October 1963	December	r 442	Briggs, N	September	
MITCHELL, C. C. and VOLPICH, H. Paper			Brown, G. J	June	236
on Recent Developments in Denny-	Tester	227	Campbell, J	November	
Brown Ship Stabilizers	July	237	Cody, J. C	March	119
Discussion	July	248	Corsie, W	February	359
Authors' Reply	July	252	Cotton, N	September	333

	Issue P	age		Issue	Page
Couper, J. C		236	PARRY, E. U. Obituary	June	236
		176	PATTMAN, C. H. Report of meeting for the		
Cumming, J	THE RESERVE TO STREET STREET	359 399	presentation of Heat Exchangers—		
Davies, W. G	November :	70	Design Aspects to Avoid Corrosion to the South East England Section	Mon	206
Day, R. J		236	PAULIN, W. SPENCER. Report of meeting	May	206
de Wolf, J		446	for the presentation of Ship Steering		
Doig, E. J	February	70	Gears to the West of England Section	January	35
Douglas, W. A. R		176	Pemberton, H. N. Contribution to discus-		
Eadie, D		118	sion on Progress in Automation	September	338
Elvish, J. D. F Fletcher, D. C	September February	359 71	PHILP, I. E. Obituary	July	259
Fletcher, D. C Fletcher, H. E		236	Planned Maintenance to Steam Turbine Tankers, The Application of. Paper by		
Gelling, D. W		235	J. Scott and H. Vickerstaff	May	177
Glass, A. E. C	February	71	Discussion	May	195
Harvey, N. J. M		236	Authors' Reply	May	202
Hobson, S	3.5	259	PLATT, E. H. W. Contribution to discussion		
Hunter, Sir Summers		208 359	on The Application of Planned Main-		
Hunton, C Irvine, R. J		380	tenance to Steam Turbine Tankers	May	198
Kissell, N. McF	February	71	Contribution to discussion on Progress in Automation	Santambar	341
Kverndal, O. G		446	POUNDER, C. C. Report of meeting for the	September	341
Leighton, The Right Honourable Lord	November	399	presentation of Present Marine		
Liversage, J	September	359	Machinery Trends and other Cognate		
Lowrie, J. C	February	69	Matters to the South East England		
MacNicol, E. W	•	236	Section	November	395
Mees, E. E		380 259	POYNTON, T. C. Obituary	March	119
Melvin, E. W		259	PRATT, H. L. Contribution to discussion on		
Naysmith, A. T		446	Progress and Development in Naval	2.2	
Nelson, G		119	Propulsion Gears 1946-1962	March	107
Nicol, J		118	Presidential Address of Sir Nicholas Cayzer,		201
Oxford, A. W		380	Bt Prew, L. R. Contribution to discussion on	November	391
Parker, J. B		208 236	Progress in Automation	September	353
Parry, E. U Philp, I. E		259	Progress and Development in Naval Pro-	September	333
Philp, I. E Poynton, T. C		119	pulsion Gears 1946-1962. Paper by		
Pull, F. E		208	P. D. V. Weaving and W. H. Sampson	March	73
Rabaey, F. L	February	71	Discussion	March	101
Ramsay, J	0 0	259	Authors' Reply	March	110
Redwood, R		71	Progress in Automation. Paper by R.		
Reed, C. W		380 176	Munton, J. McNaught and J. N.	C 1	207
Richmond, Sir John Ritchie Robertson, J. G. A		259	Mackenzie Discussion	September	297 338
Robinson, T. B	5	119	Authors' Reply	September September	355
Ronald, G. S		119	Pull, F. E. Obituary	May	208
Sampson, W		379	Tobb, T. D. Containy	Iviay	200
Shea, P		119			
Shingler, S. A	September		RABAEY, F. L. Obituary	February	71
Stratta, J. F Taylor, H. G. P		120 399	RAESIDE, J. Contribution to discussion on		
Taylor, H. G. P Treweeks, H. C		260	The Application of Free-piston Gas		
Trigg, F. A	3	380	Turbine Machinery to Marine Pro-	D .	101
van Dijk, C		399	pulsion	December	434
Wadley, H. U	February	72	RAMSAY, J. Obituary	July	259
Walker, J. D	February	72	RANKEN, M. B. F. Contribution to discus-		
Wallace, R. K Wallace, Sir William		360 258	sion on Some Observations on the White Paper—Better Opportunities in Tech-		
Wallace, Sir William Watmuff, S		380	nical Education: Education Group		
Watson, J. M		120	Discussion	October	374
Williamson, J. Y	November	400	RAPER, R. G. Contribution to discussion on		
Oxford, A. W. Obituary	October	380	Shore Trials of Marine Steam Turbine		
PANTELIAS, M. Contribution to discussion			Machinery	August	293
on The Application of Free-piston Gas			READ, C. M. B. Contribution to discussion		
Turbine Machinery to Marine Pro-			on Progress in Automation	September	353
pulsion	December	431	Recent Developments in Denny-Brown Ship		
PARKER, J. B. Obituary	May	208	Stabilizers. Paper by C. C. Mitchell	Trales	227
PARKINSON, D. M. V. Report of junior			and H. Volpich Discussion	July July	237 248
meeting for the presentation of The			Authors' Reply	July	252
Layout and Operation of Marine Steam			REDWOOD, R. Obituary	February	71
Turbine Machinery to the South East	December	442	REED, C. W. Obituary	October	380
England Section	December	174	Title, Ci III Contains, III III III		

	Issue	Page	1 F 0 ii i	Issue	Page
REID, D. Contribution to discussion on Some Observations on the White Paper —Better Opportunities in Technical			SHANNON, J. F. Contribution to discussion on Machinery Installations of Guided Missile Destroyers and General Pur-		
Education: Education Group Discussion	October	372	pose Frigates	January	22
RICHMOND, SIR JOHN RITCHIE. Portrait and			Pool 2 1784000 111 111 111 111	January	25
Obituary	April	176	Contribution to discussion on Progress		
ROBERTSON, J. G. A. Obituary	July	259	and Development in Naval Propulsion		
ROBINSON, T. B. Obituary	March	119	Gears 1946-1962	March	102
RONALD, G. S. Obituary	March	119	SHEA, P. Obituary	March	119
RUSCOE, A. D. Contribution to discussion			SHERBORNE, H. F. Contribution to discussion on Machinery Installations of		
on The Application of Free-piston Gas			Guided Missile Destroyers and General		
Turbine Machinery to Marine Propul-			Purpose Frigates	January	24
sion	December	429	SHINGLER, S. A. Obituary	September	360
			Ship Stabilizers, Recent Developments in		
the same and the same			Denny-Brown. Paper by C. C. Mitchell		227
SAIT, P. A. Contribution to discussion on			and H. Volpich	July	237 248
Some Aspects of Noise Reduction in			Discussion Authors' Reply	July July	252
Merchant Ships	June	229	Shore Trials of Marine Steam Turbine	July	232
SALTHOUSE, R. E. Contribution to discus-			Machinery. Paper by T. W. F. Brown	August	261
sion on Progress and Development in	March	105	Discussion	August	288
Naval Propulsion Gears 1946-1962	March	447	Author's Reply	August	294
* Salvage, Marine. Paper by C. F. J. Finch SAMPSON, W. Portrait and Appreciation	October	379	SILVERLEAF, A. Contribution to discussion on		150
SAMPSON, W. FORTrait and Appreciation Sampson, W. H. and Weaving, P. D. V.	October	319	Machinery Induced Vibrations	April	152
Paper on Progress and Development in			SINCLAIR, H. Contribution to discussion on Machinery Installations of Guided		
Naval Propulsion Gears 1946-1962	March	73	Missile Destroyers and General Purpose		
Discussion	March	101	Frigates	January	21
Authors' Reply	March	110	Contribution to discussion on Progress		
Report of meeting for the presentation			and Development in Naval Propulsion		
of Progress and Development in Naval Propulsion Gears 1946-1962 to the			Gears 1946-1962	March	105
West of England Section	March	115	SMART, D. G. Contribution to discussion		
SAUL, G. C., BRADDON, F. D. and CRONE-			on Some Aspects of Noise Reduction in Merchant Ships	June	228
MEYER, R. N. Contribution to dis-			SMIT, J. A. Contribution to discussion on	June	
cussion on Recent Developments in			Progress in Automation	September	343
Denny-Brown Ship Stabilizers	July	250	SMITH, SIR EUSTACE. Contribution to dis-		
SAVAGE, A. N. Contribution to discussion	Contombon	342	cussion on Shore Trials of Marine		201
on Progress in Automation Scorer, C. Contribution to discussion on	September	342	Steam Turbine Machinery	August	291
The Application of Planned Main-			SMITH, W. G. Contribution to discussion on Progress and Development in Naval		
tenance to Steam Turbine Tankers	May	199	Propulsion Gears 1946-1962	March	101
SCOTT, J. Contribution to discussion on			Some Aspects of Noise Reduction in		
The Design and Development of Two-			Merchant Ships. Paper by R. Cook and		
drum Marine Boilers	February	54	N. Fleming	•	209
SCOTT, J. and VICKERSTAFF, H. Report of			Discussion	-	224
meeting for the presentation of The Application of Planned Maintenance			Authors' Reply Some Observations on the White Paper—	June	231
to Steam Turbine Tankers to the West			Better Opportunities in Technical Edu-		
of England Section	April	174	cation: Education Group Discussion.		
Paper on The Application of Planned			Paper by G. Sutton, C. J. Cutler and		
Maintenance to Steam Turbine Tankers	May	177	A. W. Bell	October	361
Discussion	May	195	Discussion and Authors' Reply	October	370
Authors' Reply	May	202	South East England Section First Dinner Dance. Report and Photograph		442
Scottish Section Annual Dinner and Dance Report and Photograph	January	34	Dance. Report and Photograph	December	
Report and Thotograph	January	35	South East England Section. Report of		
Scottish Section Annual Dinner Report and	3		visit to nuclear power station at Bradwell	July	254
Photographs	March	114	South East England Section Reports	May	206
	March	115		June	234
Scottish Section Committee	July	254		July November	254
Scottish Section Reports		34		December	
	January March	35 114	Southern Joint Branch, R.I.N.A. and	_ 500,11001	
	April	174	I.Mar.E.—Branch Officers	July	255
	July	254	South Wales Section Annual Dinner		
	November		South Wales Section Annual Golf Meeting	July	255
	December	442	South Wales Section Reports	February	67
* Canadian Supplement No. 14 December 106	2			March March	114 115
* Canadian Supplement, No. 14, December 196	· .			March	113

Canal Wale Carl D	Issue	Page	4	Issue I	Page
South Wales Section Reports	July November	255 395	Vibrations, Machinery Induced. Paper by A. J. Johnson and W. McClimont	April	121
Same C. D	December	443	Discussion	April	145
Speed, S. Report of junior meeting for the presentation of Watchkeeping in a			Authors' Reply VICKERSTAFF, H. and Scott, J. Report of	April	162
Motor Ship to the South Wales Section			meeting for the presentation of <i>The</i>		
(Cardiff)	February	67	Application of Planned Maintenance to		
Steam Turbine Tankers, The Application of			Steam Turbine Tankers to the West of	19 19 1	
Planned Maintenance to. Paper by J.			England Section	April	174
Scott and H. Vickerstaff Discussion	May May	177 195	Paper on The Application of Planned Maintenance to Steam Turbine Tankers	May	177
Authors' Reply	May	202	Discussion	May	195
STRACHAN, G. R. Report of meeting for the			Authors' Reply	May	202
presentation of Sea Trials Procedure for			VOLPICH, H. and MITCHELL, C. C. Paper		
Establishment of Ship's Machinery Per-	-	25	on Recent Developments in Denny- Brown Ship Stabilizers	July	237
formance to the Scottish Section Contribution to discussion on Progress	January	35	Discussion	July	248
in Automation	September	346	Authors' Reply	July	252
STRACHAN, R. R. Contribution to discussion	•				
on Progress in Automation	September	351	WADLEY, H. U. Obituary	February	72
STRATTA, J. F. Obituary	March	120	WALKER, J. D. Obituary	February	72
Summer Golf Meeting at Hadley Wood Golf Club	7	222	WALLACE, R. K. Obituary	September	360
SUTTON, G., CUTLER, C. J. and BELL, A. W.	June	233	WALLACE, SIR WILLIAM. Portrait and		
Paper on Some Observations on the			Appreciation	July	258
White Paper—Better Opportunities in			WATMUFF, S. Obituary	October	380
Technical Education: Education Group	Ostohou	261	WATSON, J. M. Obituary WATT, G. A. Contribution to discussion on	March	120
Discussion Discussion and Authors' Reply	October October	361 370	The Design and Development of Two-		
Discussion and ridinors hepty	October	370	drum Marine Boilers	February	56
			WEAVING, P. D. V. and SAMPSON, W. H.		
TAYLOR, A. J. Report of meeting for the			Paper on Progress and Development in		
presentation of Advanced Nuclear Plant, based on n.v. Savannah to the South			Naval Propulsion Gears 1946-1962 Discussion	March March	73 101
	December	443	Authors' Reply	March	110
TAYLOR, H. G. P. Obituary	November	399	Report of meeting for the presentation		
TAYLOR, K. V. Contribution to discussion			of Progress and Development in Naval		
on Machinery Induced Vibrations TREWBY, G. F. A. Contribution to discus-	April	155	Propulsion Gears, 1946-1962 to the West of England Section	March	115
sion on Machinery Installations of			West Midlands Section. Report of visit to	Watch	113
Guided Missile Destroyers and General			Production Engineering Research Associ-		
Purpose Frigates	January	20	ation of Great Britain	October	377
TREWEEKS, H. C. Obituary	July	260	West Midlands Section Reports	February	67
Trigg, F. A. Obituary	October	380	West of England Section Annual Dinner and	October	377
TROUNCE, M. Contribution to discussion on Shore Trials of Marine Steam Turbine			Dance: Report and Photograph	November	395
Machinery	August	289			396
Two-drum Marine Boilers, The Design and			West of England Section. Report of visit	T	224
Development of. Paper by E. G.	T. 1	27	to Hamworthy Engineering Ltd West of England Section Reports	June	234 35
Hutchings Discussion	February February	37 54	West of England Section Reports	January March	115
Author's Reply	February	63		April	174
TYRRELL, E. Contribution to discussion on				June	234
The Design and Development of Two-	T-1			November	395 396
drum Marine Boilers Contribution to discussion on Shore	February	55		December	444
Trials of Marine Steam Turbine			WESTON, W. B. Contribution to discussion		
Machinery	August	289	on Some Aspects of Noise Reduction in		220
			Merchant Ships	June	230
Vancouver Section Annual General Meeting	Tune	234	WHITESIDE, H. N. E. Contribution to discussion on <i>Progress in Automation</i>	September	344
Vancouver Section Report	-	234	WHYATT, P. Contribution to discussion on	September	517
van Dijk, C. Obituary	November		Progress and Development in Naval		
VEITCH, A. F. Contribution to discussion on			Propulsion Gears 1946-1962	March	106
Shore Trials of Marine Steam Turbine			WILLIAMSON, J. Y. Obituary	November	400
Machinery Verburgh, C. Report of meeting for the	August	291	WILSON, A. H. Contribution to discussion on <i>Progress in Automation</i>	Santamba	240
presentation of Development and Pros-			on Progress in Automation Contribution to discussion on Some	September	349
pects of South African Merchant			Observations on the White Paper—Better		
Shipping to the Cape Town Section and			Opportunities in Technical Education:		
the Institute of Transport	October	377	Education Group Discussion	October	373

	Issue	Page		Issue	Page
WILSON, A. C. W. Contribution to discus-			YELLOWLEY, G. Contribution to discussion		
sion on Some Aspects of Noise Reduc-			on Shore Trials of Marine Steam Tur-		
tion in Merchant Ships	June	224	bine Machinery	August	288
WILSON, W. Report of junior meeting for			Young, A. J. Contribution to discussion on		
the presentation of Marine Boilers to			Progress in Automation	September	350
the South Wales Section (Swansea)	Novembe	r 395			
Wood, L. K. D. Contribution to discussion			Young, LL. Contribution to discussion on	Contombon	242
on The Application of Planned Main-			Progress in Automation	September	342
tenance to Steam Turbine Tankers	May	198			
WRIGHT, J. Report of meeting for the pre-					
sentation of Recent Developments in			ZOLLER, R. E. Contribution to discussion		
Trawler Design to the Scottish Section.			on Machinery Installations of Guided		
Joint meeting with the Aberdeen Mech-			Missile Destroyers and General Purpose		
anical Society	April	174	Frigates	January	24