



VIII CONGRESS — PAN-AMERICAN INSTITUTE OF NAVAL ENGINEERING

September 11-17, 1983 • Washington, D.C.

TECHNICAL PAPERS

VIII CONGRESS OF THE PAN-AMERICAN INSTITUTE OF NAVAL ENGINEERING

- 101 "The accredited curriculum in Marine Engineering Systems at the U. S. Merchant Marine Academy" - Everett C. Hunt & Edwin Wiggins (USA)
- 102 "The developing role of the learned society" - J. Stuart Robinson (England)
- 103 "Engineering education in the area of naval construction in developing countries: the experience of Chile" - Ernesto Zumelzu Delgado (Chile)
- 202 "A portable device for crankpin & shaft rectifying in place, without shaft dismantling" - Georges de Ceuster (Belgium)
- 203 "Improved performance of compact diesel engines and its implication regarding naval ships" - Christian Gunther (W. Germany)
- 204 "Propulsion systems and ship operating efficiency. Optimisation of the marine transportation cost thanks to medium speed engines" - Jacques Gallois (France)
- 205 Programa de Modernizacion de Los Sistemas de Informacion de Un Astillero Naval - Sergio Ostornol (Chile)
- 206 Mejoras Introducidas En Astillero de Reparaciones. A Traves de La Ejecucion de Recuperacion (Refit) de Navios Sofisticados - Sergio Garcia (Chile)
- 207 Administracion de Los Servicios de Apoyo A La Production En Un Astillero Reparador Constructor - Arturo Medina (Chile)
- 208 Evolucion Del Trafico Maritimo En El Puerto De Talcahuano (Chile) Durante El Periodo 1979 - 1983. Y Su Relacion Con La Actividad Reparadora Del Astillero Asmar (T) - Eugenio Torrejon (Chile)

- 301 "Aspects of the design and installation of a load/unloading crude oil system with a single point mooring buoy (SPM)" - Pablo Masseroni & Raul E. Podetti (Argentina)
- 302 "Numerical simulation of the low frequency motions on the horizontal plane and tensions on the mooring lines of an offshore moored vessel" - Celso P. Pesce, Danton Nunes, Gabriel F. Gueler, Jose Thome De Carvalho Filho (Brazil)
- 303 "Statistical analysis on the design and operation parameters of a transfer ramp for offshore platforms" - James Guimaraes Weiss & Jose Sotelo, Jr. (Brazil)
- 305 "A summarized X-Ray of the Ibero-American naval industry" - Aurelio Gonzalez Climent (Argentina)
- 306 A General Survey of The Design of Roll-on/Roll-off ships - Antonio Lopes Amaral, Carlos Roberto Monena, Heitor Augusto de Souza Lima, Jolmar Cosme de Renzende and Robson Correa Nogueira (Brazil)
- 307 "Design of 1900 Ton Corvette for Brazilian Navy" by Renaldo Brown de Rego Macedo (Brazil)
- 401 Asignacion Racional Del Francobordo: Un Medio De Mejoran Una Fluta - C. E. Fagalde (Argentina)
- 402 "Influence of port operating conditions on fluvial tow fleet size" - Marco Antonio Brinati (Brazil)
- 403 "Optimization of integrated barge tow for bauxite transportation in the Amazon river" - Jose Antonio Cristovos Balau (Brazil)
- 404 "Methodology for the technical and economic analysis of waterway passenger urban transportation systems" - Jorge Luiz Bobadopulos Nelson Bianco Standerski (Brazil)
- 406 "Shallow river pushboat design" - R. Latorre (USA)
- 407 "Inland Vessels - General considerations and recent developments related to the design and operation" - G. Luthra & H. Heuser (W. Germany)
- 409 *Modelo Automatico para evaluar inversiones en buques mercantes*
Washington Martinez Garcia
- 410 "The role of communications in Search and Rescue" - Jorge Molina-Hernandez (Chile)
- 411 Recent technological developments in the design of seagoing hopper dredges - William R. Murden, Jr. (USA)
- 412 National waterways study overview of findings and conclusion - James R. Hanchey (USA)
- 413 Federal Promotion of Transportation On The Inland Waterways of the United States - Edward F. Tralka (USA)

*(nonresponse
ao 706)*

*NÃO FAZ PARTE
DO PROCEEDING*

- 414 "Salvage Procedures in U.S. Navy" - Charles S. Maclin
- 502 "Fuel economy on fishing trawlers" - Jara, Wilmo C. (Ecuador)
- 601 "Wave excited vibration: segmented model design"
- T. A. Achtarides (USA)
- 602 Selecao De Parametros Do Sistema De Controle De Aletas Estabilizadoras -
Jorge Pinheiro Da Costa Veiga (Brazil)
- 603 "The hydroelastic behaviour of salter's duck in waves"
- C. A. L. Conceicao & M.A.S. Neves (Brazil)
- 604 "Stability of intact ships in waves" - C. A. L. Conceicao &
M. A. S. Neves (Brazil)
- 605 "On the motions of a crane-barge and the hook load in waves"
- Kazuo Hirata, Sergio da Silva, Carlos Albuquerque (Brazil)
- 608 "Ship design, engineering, construction technology and
classification requirements" - Julio G. Giannotti &
John W. Boylston (USA)
- 610 "Advanced marine vehicles - A comparative overview"
- J. F. Sladky, Jr. (USA)
- 612 "Shaft strut cavitation problems" - F. Sherman Cauldwell &
A. Steven Toby (USA)
- 613 "Analysis of the motion of two closely-spaced cylinders"
- Miguel H. Hirata, Sergio Luis V. Coelho & Luiz Carlos Martins
(Brazil)
- 614 "Surface effect ship (SES) developments in the USA" - John B.
Chaplin & Robert G. Moore (USA)
- 615 "Real time digital simulation for a naval PWR (1st part)"
- Guillermo Baltra Aedo (Chile) *GONZALEZ, Edgardo*
- 616 Determination of Severe Wave Conditions For Ocean Systems In a
3 Dimensional Irregular Seaway - Soren Peter Kjeldsen (Norway)
- 701 "Standardization practical results in Brazilian shipyards"
- David Fernandes Goncalves, Ivan Borba Cherem, Luiz Alberto Rosas Costa,
Sergio Schechter & Valdenir De Andrade Monterro (Brazil)
- 706 - "Shallow River Pushboat Design" - *R. Latone (USA)*
- 802 "Practical aspects of computer aided design (CAD) of ships" -
James C. Oliver III & William K. Jawish III (USA)
- 803 "On board microcomputer applications: Vessel efficiency/fuel
conservation" - Horace A. Teass, Jr. (USA)
- 804 "Simplified Techniques For Studying Nonlinear Shaft Vibration
Problems" by Lyssimachos Vassilopoulos (USA)



VIII CONGRESS — PAN-AMERICAN INSTITUTE OF NAVAL ENGINEERING

September 11-17, 1983 • Washington, D.C.

AUTHORS OF TECHNICAL PAPERS

NAMES	COUNTRY	PAPER #
Archtarides, T. A.	(USA)	601
Aedo, Guillermo Baltra	(Chile)	615
Albuquerque, Carlos	(Brazil)	605
Amaral, Antonio Lopes	(Brazil)	306
Balau, Jose Antonio Cristovas	(Brazil)	403
Bobadopulos, Jorge Luiz	(Brazil)	404
Boylston, John W.	(USA)	608
Brinati, Marco Antonio	(Brazil)	402
Cauldwell, F. Sherman	(USA)	612
Ceuster, Gerogesde	(Belgium)	202
Chaplin, John B.	(USA)	614
Cherem, Ivan Borba	(Brazil)	701
Climent, Aurelio Gonzalez	(Argentina)	305
Coelho, Sergio L. Villares	(Brazil)	613
Conceicao, C. A. L.	(Brazil)	603 & 604
Costa, Luiz Alberto Rosas	(Brazil)	701
Delgado, Ernesto Zumelzu	(Chile)	103
Fagalde, C. E.	(Argentina)	401
Filho, Jose Thome De Carvalho	(Brazil)	302
Garcia, Sergio	(Chile)	206
Gallois, Jacques	(France)	204
Giannotti, Julio G.	(USA)	608
Goncalves, David Fernandes	(Brazil)	701
Gueler, Gabriel F.	(Brazil)	302
Gunther, Christian	(W. Germany)	203
Hanchey, James R.	(USA)	412
Heuser, H.	(W. Germany)	407
Hirata, Miguel H.	(Brazil)	613
Hirata, Kazuo	(Brazil)	605
Hunt, Everett C.	(USA)	101
Jawish, William K. III	(USA)	802

Kjeldsen, Soren Peter	(Norway)	616
Latorre, R.	(USA)	406
Lima, Heitor Augusto de Souza	(Brazil)	306
Luthra, G.	(W. Germany)	407
Macedo, Renaldo Brown de Rego	(Brazil)	307
Martins, Luiz Carlos	(Brazil)	613
Masseroni, Pablo	(Argentina)	301
Medina, Arturo	(Chile)	207
Molina-Hernandez, Jorge	(Chile)	410
Monena, Carlos Roberto	(Brazil)	306
Monterro, Valdenir De Andrade	(Brazil)	701
Moore, Robert G.	(USA)	614
Murden, William R., Jr.	(USA)	411
Neves, M. A. S.	(Brazil)	603
Neves, M. A. S.	(Brazil)	604
Nogueira, Robson Correa	(Brazil)	306
Nunes, Danton	(Brazil)	302
Oliver, James C., III	(USA)	802
Ostornol, Sergio	(Chile)	205
Pesce, Celso P.	(Brazil)	302
Podetti, Raul E.	(Argentina)	301
Renzende, Jolmar Cosme de	(Brazil)	306
Robinson, J. Stuart	(England)	102
Schechter, Sergio	(Brazil)	701
Silva, Sergio da	(Brazil)	605
Sladky, J. F., Jr.	(USA)	610
Sotelo, Jose, Jr.	(Brazil)	303
Standerski, Nelson Bianco	(Brazil)	404
Teass, Horace A., Jr.	(USA)	803
Toby, A. Steven	(USA)	612
Torrejon, Eugenio	(Chile)	208
Tralka, Edward F.	(USA)	413
Vassilopoulos, Lyssimachos	(USA)	804
Veiga, Jorge Pinheiro Da Costa	(Brazil)	602
Weiss, James M. Guimaraes	(Brazil)	303
Wiggins, Edwin G.	(USA)	101
Wilmo, Jara C.	(Equador)	502
Wood, William A.	(USA)	802