







ARGENTINEAN SHIP'S, which were equipped with DOXFORD ENGINES

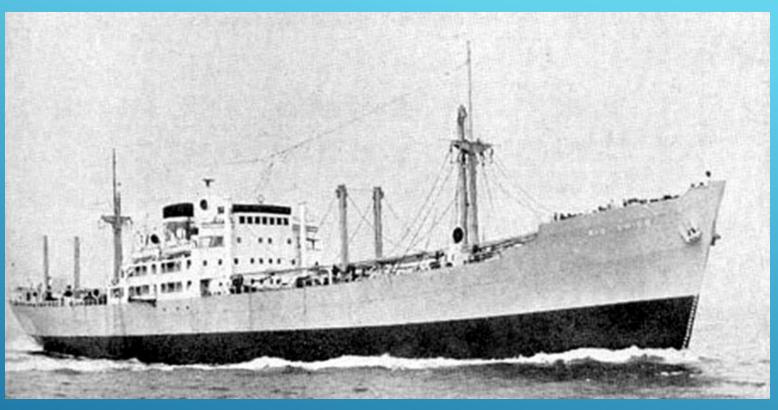




	YARD No Launch Date DWT	YARD where build	DOXFORD Type:	Engine no: Engine Builder	B.H.P.	YEAR of Construction IDNo:	Ship's Name	OWNER	Owner's Flag Or Funnel Mark	Broken up Lost
1	315 2-7-1947 9457 Cargo (Ref.)	The Burnt Island Shipbuilding Co. Ltd.: Burnstisland , U. K.	Doxford 600LB4 Stroke 2320 mm	North East Marine Engine Co. Ltd., Wallsend, U. K	4250 HP	1947 5296496	2-7-1947 <u>Rio Segundo</u> 1961 Transferred <u>For E.L.M.A. Lines</u> (F.M.E.+F.A.N.U.)	Argentine Govt (Flota Mercante del Estado) (F.M.E)	TEV.	11/1978 Broken up at Campana AYASA(Argentine)



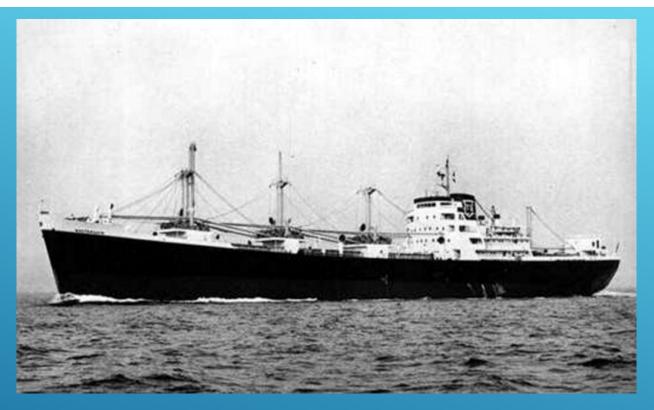
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2	316 18-7-1947 6956 Cargo	Bartram & Sons South Dock	Doxford 600LB4 Stroke 2320 mm	North East Marine Engine Co. Ltd., Wallsend, U. K	4250 HP	1947 5296563	Rio Tercero 1961 Empresa Lineas Maritimas Argentinas	Argentine Govt (Flota Mercante del Estado) (F.M.E)	121	1/1979 Broken up Campana (Anglo-Argentino)



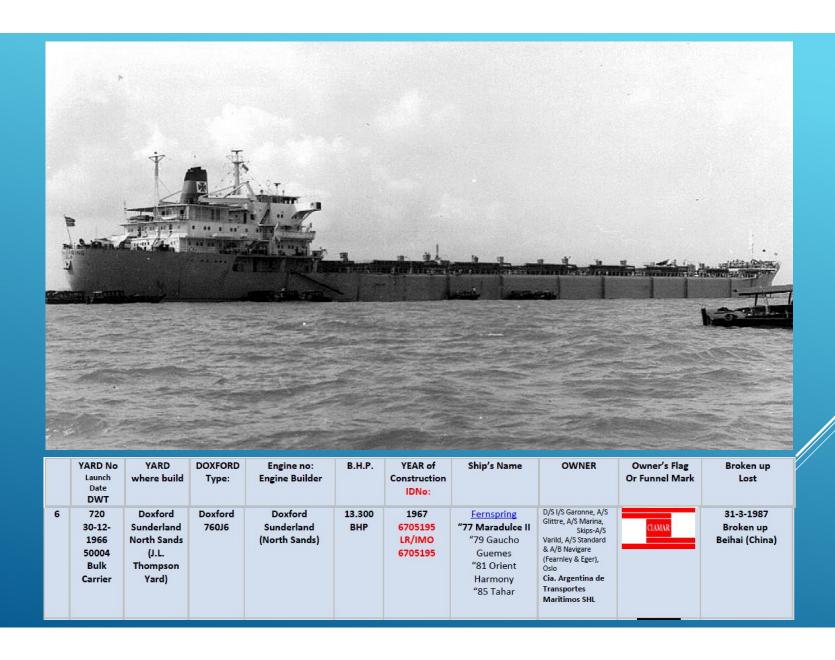
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3	322 24-1-1947 9107 Cargo (Ref.)	Bartram & Sons Ltd. Sunderland U.k. (South Dock)	600LB4 Stroke 2320 mm	North East Marine Engine Co. Ltd., Wallsend, U. K	4250 HP	10/1947 5529571	24-1-1947 HUNDIDO 24-5-1961 <u>"Rio Chico 2"</u> For E.L.M.A. Lines [F.M.E.+F.A.N.U.]	Argentine Govt (Flota Mercante del Estado) (F.M.E)	TEL	10-12-1968 Broken Rio Grande do Sul



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4	398 30-5-1961 10430 Cargo	Burntisland Shipbuilding Co. Ltd.	670LB4 Stroke 2.100 mm. William Doxford & Sons. U. K.	William Doxford & Sons. Sunderland U. K.	<b>6.640</b> CVe	1961 5130680	Gilsland. (U. K.)  "68 MARDULCE  "76 Banglar Joy	Stephenson Clarke Ltd Cia Argentina de Transportes Maritimos "Ciamar" SA	CIAMAR	7-9-1983 Broken up Chittagong (Karnafully Metal Works)



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5	393 26-9-1961 12519 Cargo	Burntisland Shipbuilding Co. Ltd.	670LB4 Stroke 2.100 mm. William Doxford & Sons. U. K	Hawthorn- Doxford.	6.640 CVe	1962 5038272 LR/IMO: 5038272	Baxtergate "71 Mediator "72 Baxtergate "72 MARVALIENTE "81 Bravo Nek	Turnbull Scott Sg Co Ltd GBR London  Cia Argentina de Transportes Maritimos "Ciamar" SA	CIAMAR	27-2-1981 Aarhuus, Denmark Fire in the Engine Room collision (WU MEN) 35.32.12N/35.43.03 E 27.12.81 [Gdynia- Lattakia, bagged sugar]

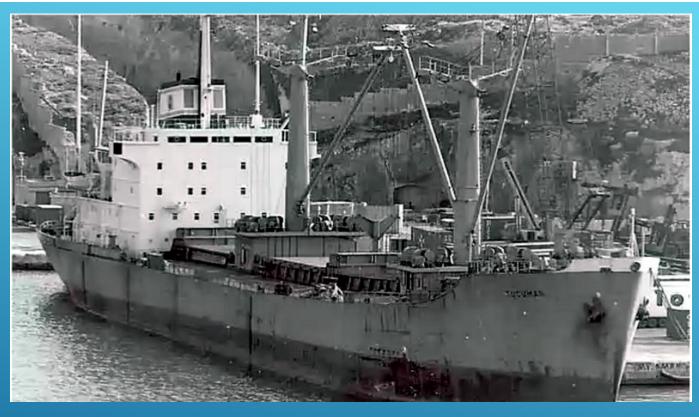




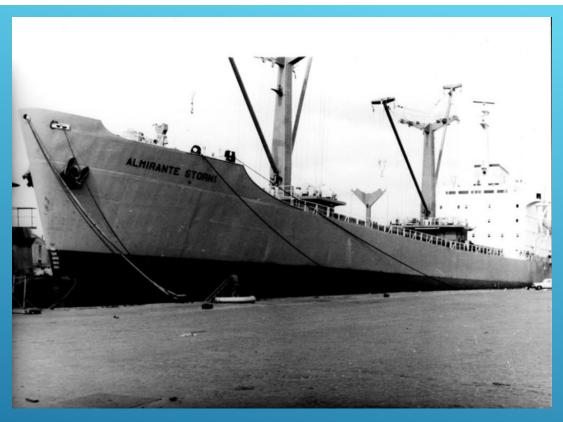
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7	568 SD-14 9-6-1976 14980 Cargo (Ref.)	Robb Caledon SB Ltd., Dundee,.	Doxford <b>67 J 4 M</b> 670 x 2.140 y 1.640 Turbo: Napier \$610B	? William Doxford & Sons. Sunderland U. K.	8.000 Cve 124 rpm	1977 7405986	Salta (2) "96 Sea Duke	Empresa Líneas Marítimas Argentina S. A (E.L.M.A.)	ţ	8-2-2001 Broken up Chittagong



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8	569 SD-14 17-3-1977 14930 Cargo (Ref.)	Astillero: Robb Caledon Shipbuilders Ltd, Dundee Scotland	Doxford 67 J 4 M 670 x 2.140 y 1.640 Turbo: Napier S610B	? William Doxford & Sons. Sunderland U. K.	8.000 Cve 124 rpm	1977 7405996	Jujuy II "91 Qamar "98 Al Marzan 2000 Ja Gang	Empresa Líneas Marítimas Argentina S. A (E.L.M.A.)	Į.	3-3-2006 Broken up Chittagong



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9	570 SD-14 21-01-78 14930 Cargo (Ref.)	Robb Caledon Shipbuilders Ltd, Dundee Scotland	67J4M 670 x 2.140 y 1.640 Turbo: Napier S610B	William Doxford & Sons. Sunderland U. K.	8000 BHP	1978 7406007	Tucaman (2) '92 Muzaffar Aziz '92 Oreozili 2001 Aziz	Empresa Lineas Marítimas Argentina S. A (E.L.M.A.)	ţ	<b>4-8-2001</b> Broken up Alang (India)



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10	47 SD-14 18-6-77 14930 Cargo (Ref.)	Astillero: Astilleros y Fábricas Navales del Estado (A. F. N. E.) (Esenada)	Doxford 67 J 4 M 670 x 2.140 y 1.640 Turbo: Napier S610B	William Doxford & Sons. Sunderland U. K.	<b>8.000</b> Cve 124 rpm	10/1978 7411868	Almirante Storni « 92 Janbaz 1 2001 Adrekni	Empresa Líneas Marítimas Argentina S. A (E.L.M.A.)	Į.	<b>13-03-2009</b> . Broken up Alang, (India)



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11	48 SD-14 10-3-1978 14930 Cargo (Ref.)	Astillero: Astilleros y Fábricas Navales del Estado (A. F. N. E.) (Esenada)	Doxford 67 J 4 M 670 x 2.140 y 1.640 Turbo: Napier S610B	William Doxford & Sons. Sunderland U. K.	8.000 Cve 124 rpm	1979 7411870	"92 Panormitis "99 Mokran 1 2004 Eun Bong	Empresa Líneas Marítimas Argentina S. A (E.L.M.A.)	Į.	Sept, 2011



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12	49 SD-14 26-9-1978 14930 Cargo (Ref.)	Astillero: Astilleros y Fábricas Navales del Estado (A. F. N. E.)	Doxford <b>67 J 4 M</b> 670 x 2.140 y 1.640 Turbo: Napier S610B	William Doxford & Sons. Sunderland U. K.	8.000 Cve 124 rpm	1979 7411882	"Libertador General Jose de San Martin" "95 Prudent Challenger 2000 Pacific Challenger 2001United Trader	Empresa Líneas Marítimas Argentina S. A (E.L.M.A.)	t	7-7-2003 broken up Alang (India)



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13	50 SD-14 19-01-79 14930 Cargo (Ref.)	Astillero: Astilleros y Fábricas Navales del Estado (A. F. N. E.) (Ensenada)	Doxford 67 J 4 M 670 x 2.140 y 1.640 Turbo: Napier S610B	William Doxford & Sons. Sunderland U. K.	8.000 Cve 124 rpm	1980 7411894	Dr.Atilio Malvagni "91 Planitis "96 Astivi "96 Platytera 2002 Shikai Maru 2003 Shinkai	Empresa Líneas Marítimas Argentina S. A (E.L.M.A.)	Į.	9-9-2003 Broken up Alang, (India)



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14	51 SD-14 16-8-1979 14930 Cargo (Ref.)	Astillero: Astilleros y Fábricas Navales del Estado (A. F. N. E.) (Ensenada)	Doxford <b>67 J 4 M</b> 670 x 2.140 y 1.640 Turbo: Napier S610B	William Doxford & Sons. Sunderland U. K.	8.000 CVe	1980 7411909	Presidente Ramon S. Castillo "95 Arrested by the Labour Coöperative Argentine	Empresa Líneas Marítimas Argentina S. A (E.L.M.A.) 1995. Transferido a la Cooperativa de Trabajo Marítima Argentina Ltda	Į.	2009- Start to broken up the ship Ibicuy (Argentina) Doxford Parts



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15	52 SD-14 30-5-1980 14500 Cargo (Ref.)	Astillero: Astilleros y Fábricas Navales del Estado (A. F. N. E.)	Doxford 67 J 4 M 670 x 2.140 y 1.640 Turbo: Napier \$610B	Shipyard Swan Hunter & Wiggham Richardson	8.000 Cve 124 rpm	1981 7411911	General Manuel Belgrano "98 Alyssa 2003 Parvati	Empresa Líneas Marítimas Argentina S. A (E.L.M.A.)	t	<b>29-6-2003</b> Broken up Alang, (India)



## The End of a Ship



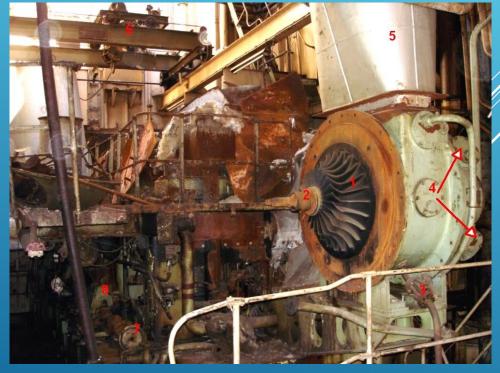




Once going up and down, the transversebeams with telescopic pipes for upper piston water cooling

## The sad end of a Turbo Blower

and from this PowerPoint



## DOXFORD 67 J 4 M: Cylinder diameter 670mm, Type "J", 4 Cylinders, M= Metric Thread



Design: A. Verheijden, Stekene, Belgium

http://users.telenet.be/doxford-matters