

DAMEN SCHELDE GEARS

IN THE HIGH QUALITY MARINE PROPULSION GEAR BUSINESS SINCE 1916

REFERENCE LIST

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338 VESSELS, 497 GEARS

126 NAVAL VESSELS • 212 MERCHANT VESSELS

DAMEN

DAMEN SCHELDE GEARS

NAVAL VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
Frigate (Korea)							
2015	FFX-II	Republic of Korea Navy	DSME	CODLOG	40000 x 1	220	1
Landing Ship Tank (Korea)							
2015		Republic of Korea Navy	Hanjin	DISO	5460 x 2	195	2
2013	Cheon Wang Bong	Republic of Korea Navy	Hanjin	DISO	5460 x 2	195	2
Australian War Defence 1, 2 and 3 (Australia)							
2010	Sydney (3)	Royal Australian Navy	ASC Adelaide	CODOG	17.500 / 5650	180/116	2
2010	Brisbane (3)	Royal Australian Navy	ASC Adelaide	CODOG	17.500 / 5650	180/116	2
2009	Hobart (3)	Royal Australian Navy	ASC Adelaide	CODOG	17.500 / 5650	180/116	2
F-105 MULTI PURPOSE FRIGATE (SPAIN)							
2007	Cristobal Colon (3)	Royal Spanish Navy	Navantia Ferrol	CODOG	17.500 / 5650	180/116	2
BAM 1, 2, 3 and 4 (SPAIN)							
2007	Tornado (3)	Royal Spanish Navy	Navantia Ferrol	CODOE	5200 / 750	270/128	2
2007	Relampago (3)	Royal Spanish Navy	Navantia Ferrol	CODOE	5200 / 750	270/128	2
2007	Rayo (3)	Royal Spanish Navy	Navantia Ferrol	CODOE	5200 / 750	270/128	2
2007	Meteoro (3)	Royal Spanish Navy	Navantia Ferrol	CODOE	5200 / 750	270/128	2
AOR-BAC (SPAIN)							
2006	Cantabria (3)	Royal Spanish Navy	Navantia Ferrol	CODAD	17.500 / 5650	131	1
F-100 MULTI PURPOSE FRIGATE (SPAIN)							
2003	Méndez Núñez (2)	Royal Spanish Navy	Bazan Ferrol	CODOG	19.250 / 4.950	180/116	2
2001	Blas de Lezo (2)	Royal Spanish Navy	Bazan Ferrol	CODOG	19.250 / 4.950	180/116	2
2000	Almirante Juan de Borbon (2)	Royal Spanish Navy	Bazan Ferrol	CODOG	19.250 / 4.950	180/116	2
1999	Alvaro de Bazan	Royal Spanish Navy	Bazan Ferrol	CODOG	19.250 / 4.950	180/116	2
LCF AIR DEFENCE AND COMMAND FRIGATES							
2001	Evertsen	Royal Netherlands Navy	Royal Schelde	CODOG	18.300 / 5.000	164/94	2
2000	De Ruyter	Royal Netherlands Navy	Royal Schelde	CODOG	18.300 / 5.000	164/94	2
1999	Tromp	Royal Netherlands Navy	Royal Schelde	CODOG	18.300 / 5.000	164/94	2
1998	Zeven Provinciën	Royal Netherlands Navy	Royal Schelde	CODOG	18.300 / 5.000	164/94	2
LANDING PLATFORM DOCK							
1996	Rotterdam	Royal Netherlands Navy	Royal Schelde	Electric motors	6.200	174	2
HELICOPTER CARRIER (THAILAND)							
1995	Chakkrinaruebet	Royal Thai Navy	Bazan Ferrol	CODOG	16.200 / 4.800	210/138	2
AUXILIARY OILER AND REPLENISHMENT VESSEL (SPAIN)							
1994	Ministro Patiño (2)	Royal Spanish Navy	Bazan Ferrol	Diesel engines	9.700 x 2	135	1

(2) Design- and production drawings by Schelde Gears, 50/50% production Schelde Gears/Bazan Ferrol

(3) Design- and production drawings by Schelde Gears, final machining of the rotating parts by Schelde Gears, production of the gears bt Navantia Ferrol

NAVAL VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
AUXILIARY OILER AND REPLENISHMENT VESSEL							
1993	Amsterdam	Royal Netherlands Navy	Royal Schelde	Diesel engines	9.500 x 2	135	1
MULTI PURPOSE FRIGATES, KAREL DOORMAN CLASS							
1993	Van Galen	Royal Netherlands Navy	Royal Schelde	CODOG	16.900 / 3.600	217/135	2
1993	Van Amstel	Royal Netherlands Navy	Royal Schelde	CODOG	16.900 / 3.600	217/135	2
1993	Abraham van der Hulst	Royal Netherlands Navy	Royal Schelde	CODOG	16.900 / 3.600	217/135	2
1993	Van Nes	Royal Netherlands Navy	Royal Schelde	CODOG	16.900 / 3.600	217/135	2
1993	Van Speyk	Royal Netherlands Navy	Royal Schelde	CODOG	16.900 / 3.600	217/135	2
1992	Willem van der Zaan	Royal Netherlands Navy	Royal Schelde	CODOG	16.900 / 3.600	217/135	2
1992	Tjerk Hiddes	Royal Netherlands Navy	Royal Schelde	CODOG	16.900 / 3.600	217/135	2
1987	Karel Doorman	Royal Netherlands Navy	Royal Schelde	CODOG	16.900 / 3.600	217/135	2
CANADIAN PATROL FRIGATES							
1993	Ottawa	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1993	St. John's	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1992	Charlotte Town	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1992	Winnipeg	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1991	Fredericton	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1991	Montreal	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1989	Calgary	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1988	Regina	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1988	Toronto	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1987	Ville de Quebec	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1987	Vancouver	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
1987	Halifax	Royal Canadian Navy	Saint John Shipbuilding	CODOG +X connect	16.900 x 2 / 6.500	210/118	1
PATROL VESSELS (SPAIN)							
1989	Atalaya (1)	Royal Spanish Navy	Bazan Ferrol	Diesel engines	2.000	260	2
1989	Centinela (1)	Royal Spanish Navy	Bazan Ferrol	Diesel engines	2.000	260	2
1989	Vigia (1)	Royal Spanish Navy	Bazan Ferrol	Diesel engines	2.000	260	2
1989	Serviola (1)	Royal Spanish Navy	Bazan Ferrol	Diesel engines	2.000	260	2
AIR DEFENSE FRIGATES, JACOB VAN HEEMSKERCK CLASS							
1984	Witte de With	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
1984	Jacob van Heemskerck	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
STANDARD FRIGATES, KORTENAER CLASS							
1981	Jan van Brakel	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
1981	Pieter Florisz	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
1980	Blois van Treslong	Royal Netherlands Navy	Wilton Fijenoord	COGOG	19.000 / 3.600	240/141	2
1980	Abraham Crijnssen	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
1979	Philips van Almonde	Royal Netherlands Navy	Wilton Fijenoord	COGOG	19.000 / 3.600	240/141	2
1978	Piet Hein	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
1978	Banckert	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2

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1977	Van Kinsbergen	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
1977	Callenburgh	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
1976	Kortenaer	Royal Netherlands Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
(1) Design- and production drawings by Schelde Gears, 100% production by Bazan Ferrol							
STANDARD FRIGATES, KORTENAER CLASS (GREECE)							
1980	Limnos	Hellenic Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
1979	Elli	Hellenic Navy	Royal Schelde	COGOG	19.000 / 3.600	240/141	2
CORVETTES, FATAHILLAH CLASS (INDONESIA)							
1979	Nala	Indonesian Navy	Wilton Fijenoord	CODOG +X connect	19.900 / 2.900 x 2	325/210	1
1978	Malahayati	Indonesian Navy	Wilton Fijenoord	CODOG +X connect	19.900 / 2.900 x 2	325/210	1
1977	Fatahillah	Indonesian Navy	Wilton Fijenoord	CODOG +X connect	19.900 / 2.900 x 2	325/210	1
GUIDED MISSILE FRIGATES, TROMP CLASS							
1975	De Ruyter	Royal Netherlands Navy	Royal Schelde	COGOG	16.200 / 2.900	226/140	2
1975	Tromp	Royal Netherlands Navy	Royal Schelde	COGOG	16.200 / 2.900	226/140	2
SUPPLY VESSEL							
1973	Zuiderkruis	Royal Netherlands Navy	Verolme Alblasserdam	Diesel engines	7.700 x 2	145	1
REPLENISHMENT VESSELS (CANADA)							
1970	Preserver	Royal Canadian Navy	Saint John Shipbuilding	Steam turbines	15.400	115	1
1970	Protecteur	Royal Canadian Navy	Saint John Shipbuilding	Steam turbines	15.400	115	1
FRIGATES, VAN SPEIJK CLASS							
1967	Van Nes	Royal Netherlands Navy	Royal Schelde	Steam turbines	11.000	225	2
1967	Evertsen	Royal Netherlands Navy	Royal Schelde	Steam turbines	11.000	225	2
1967	Tjerk Hiddes	Royal Netherlands Navy	N.D.S.M.	Steam turbines	11.000	225	2
1967	Isaac Sweers	Royal Netherlands Navy	N.D.S.M.	Steam turbines	11.000	225	2
1966	Van Galen	Royal Netherlands Navy	Royal Schelde	Steam turbines	11.000	225	2
1966	Van Speyk	Royal Netherlands Navy	N.D.S.M.	Steam turbines	11.000	225	2
SUPPLY VESSEL							
1964	Poolster	Royal Netherlands Navy	Rotterdam Dock Yard	Steam turbines	16.500	140	1
DESTROYERS OF THE B-TYPE, FRIESLAND CLASS							
1957	Overijssel	Royal Netherlands Navy	Wilton Fijenoord	Steam turbines	24.300	350	2
1957	Utrecht	Royal Netherlands Navy	Royal Schelde	Steam turbines	24.300	350	2
1957	Drente	Royal Netherlands Navy	N.D.S.M.	Steam turbines	24.300	350	2
1957	Amsterdam	Royal Netherlands Navy	N.D.S.M.	Steam turbines	24.300	350	2
1956	Limburg	Royal Netherlands Navy	Royal Schelde	Steam turbines	24.300	350	2
1956	Rotterdam	Royal Netherlands Navy	Rotterdam Dock Yard	Steam turbines	24.300	350	2
1956	Groningen	Royal Netherlands Navy	N.D.S.M.	Steam turbines	24.300	350	2
1956	Friesland	Royal Netherlands Navy	N.D.S.M.	Steam turbines	24.300	350	2

NAVAL VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
COASTAL MINESWEEPERS, WILDERVANK CLASS							
1956	Sneek	Royal Netherlands Navy	Verschure	Diesel engines	1.100	385	2
1956	Lisse	Royal Netherlands Navy	Smit E.J.	Diesel engines	1.100	385	2
1956	Elst	Royal Netherlands Navy	Pot	Diesel engines	1.100	385	2
1956	Goes	Royal Netherlands Navy	De Vries Lentsch	Diesel engines	1.100	385	2
1956	Leersum	Royal Netherlands Navy	De Haan	Diesel engines	1.100	385	2
1956	Grijpskerk	Royal Netherlands Navy	De Groot & Van Vliet	Diesel engines	1.100	385	2
1955	Waalwijk	Royal Netherlands Navy	Verschure	Diesel engines	1.100	385	2
1955	Lochem	Royal Netherlands Navy	Smit E.J.	Diesel engines	1.100	385	2
1955	Aalsmeer	Royal Netherlands Navy	Pot	Diesel engines	1.100	385	2
1955	Steenwijk	Royal Netherlands Navy	Haarlemsche Scheepsb. Mij.	Diesel engines	1.100	385	2
1955	Meppel	Royal Netherlands Navy	Haarlemsche Scheepsb. Mij.	Diesel engines	1.100	385	2
1955	Gieten	Royal Netherlands Navy	De Haan	Diesel engines	1.100	385	2
1955	Axel	Royal Netherlands Navy	De Groot & Van Vliet	Diesel engines	1.100	385	2
1955	Wildervank	Royal Netherlands Navy	De Vries Lentsch	Diesel engines	1.100	385	2
COASTAL MINESWEEPERS, DOKKUM CLASS							
1956	Naarden	Royal Netherlands Navy	Wilton Fijenoord	Diesel engines	1.100	330	2
1956	Veere	Royal Netherlands Navy	Smit L.	Diesel engines	1.100	330	2
1956	Gemert	Royal Netherlands Navy	Smit J & K	Diesel engines	1.100	330	2
1956	Sittard	Royal Netherlands Navy	Niestern	Diesel engines	1.100	330	2
1956	Woerden	Royal Netherlands Navy	Haarlemsche Scheepsb. Mij.	Diesel engines	1.100	330	2
1956	Staphorst	Royal Netherlands Navy	Gusto	Diesel engines	1.100	330	2
1956	Drunen	Royal Netherlands Navy	Gusto	Diesel engines	1.100	330	2
1956	Hoogeveen	Royal Netherlands Navy	De Noord	Diesel engines	1.100	330	2
1956	Rhenen	Royal Netherlands Navy	Arnhemsche Scheepsbouw Mij.	Diesel engines	1.100	330	2
1955	Roermond	Royal Netherlands Navy	Wilton Fijenoord	Diesel engines	1.100	330	2
1955	Giethoorn	Royal Netherlands Navy	Smit L.	Diesel engines	1.100	330	2
1955	Ommen	Royal Netherlands Navy	Smit J & K	Diesel engines	1.100	330	2
1955	Drachten	Royal Netherlands Navy	Niestern	Diesel engines	1.100	330	2
1955	Abcoude	Royal Netherlands Navy	Gusto	Diesel engines	1.100	330	2
1955	Naaldwijk	Royal Netherlands Navy	De Noord	Diesel engines	1.100	330	2
1955	Venlo	Royal Netherlands Navy	Arnhemsche Scheepsbouw Mij.	Diesel engines	1.100	330	2
1954	Hogezand	Royal Netherlands Navy	Gusto	Diesel engines	1.100	330	2
1954	Dokkum	Royal Netherlands Navy	Wilton Fijenoord	Diesel engines	1.100	330	2
DESTROYERS OF THE A-TYPE, HOLLAND CLASS							
1951	Gelderland	Royal Netherlands Navy	Wilton Fijenoord	Steam turbines	16.500	475	2
1950	Noord Brabant	Royal Netherlands Navy	Royal Schelde	Steam turbines	16.500	475	2
1949	Zeeland	Royal Netherlands Navy	Royal Schelde	Steam turbines	16.500	475	2
1950	Holland	Royal Netherlands Navy	Rotterdam Dock Yard	Steam turbines	16.500	475	2
CRUISERS, DE RUYTER CLASS							
1949	Zeven Provinciën	Royal Netherlands Navy	Rotterdam Dock Yard	Steam turbines	30.100	320	2
1949	De Ruyter	Royal Netherlands Navy	Wilton Fijenoord	Steam turbines	30.100	320	2

NAVAL VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
TORPEDO BOAT DESTROYERS, ADMIRAL CLASS							
1938	Isaac Sweers	Royal Netherlands Navy	Royal Schelde	Steam turbines	16.500	475	2
1936	De Ruyter	Royal Netherlands Navy	Wilton Fijenoord	Steam turbines	24.300	320	2
1928	Van Ghent	Royal Netherlands Navy	Royal Schelde	Steam turbines	11.400	475	2

MERCHANT VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
DIESEL ENGINE DRIVEN MERCHANT VESSELS							
2014	Artania	V-Ships	Lloyds Werft <i>*Refit intermediate gears</i>	Diesel engines	6.960	125	4
2009	YAS (Megayacht)	Unknown	Abu Dhabi Mar	Diesel engines	8.200	175	2
2001	Superfast XII	Superfast (Attica)	Flender Werft	Diesel engines	12.000 x 2	149	2
2001	Superfast XI	Superfast (Attica)	Flender Werft	Diesel engines	12.000 x 2	149	2
2001	Sea France Rodin	Sea France	Aker Finnyards	Diesel engines	11.700 + 7.800	150	2
2000	Pride of Hull	P&O North Sea Ferries	Fincantieri	Diesel engines	9.450 x 2	153	2
2000	Pride of Rotterdam	P&O North Sea Ferries	Fincantieri	Diesel engines	9.450 x 2	153	2
2000	Stena Victory	Stena/Concordia	Hyundai	Diesel engines	16.025	66	2
2000	Stena Vision	Stena/Concordia	Hyundai	Diesel engines	16.025	66	2
2001	Superfast X	Superfast (Attica)	Howaldtswerke Deutsche Werft	Diesel engines	12.000 x 2	149	2
2000	Superfast IX	Superfast (Attica)	Howaldtswerke Deutsche Werft	Diesel engines	12.000 x 2	149	2
2000	Superfast VIII	Superfast (Attica)	Howaldtswerke Deutsche Werft	Diesel engines	12.000 x 2	149	2
2000	Superfast VII	Superfast (Attica)	Howaldtswerke Deutsche Werft	Diesel engines	12.000 x 2	149	2
1999	Superfast VI	Superfast (Attica)	Howaldtswerke Deutsche Werft	Diesel engines	11.520 x 2	149	2
1999	Superfast V	Superfast (Attica)	Howaldtswerke Deutsche Werft	Diesel engines	11.520 x 2	149	2
1999	Olympic Explorer	Royal Olympic Cruises	Blohm & Voss	Diesel engines	9.450 x 2	130	2
1998	Olympic Voyager	Royal Olympic Cruises	Blohm & Voss	Diesel engines	9.450 x 2	130	2
1999	Sabrina	Norasia	Jiangnan Shipyard	Diesel engines	12.000 x 2	95	1
1998	Salwa	Norasia	Jiangnan Shipyard	Diesel engines	12.000 x 2	95	1
1998	Shereen	Norasia	Jiangnan Shipyard	Diesel engines	12.000 x 2	95	1
1998	Selina	Norasia	Jiangnan Shipyard	Diesel engines	12.000 x 2	95	1
1998	Sultana	Norasia	Jiangnan Shipyard	Diesel engines	12.000 x 2	95	1
1997	Peris	Rom Line	Repowering	Diesel engine	3.960	200	2
1997	Superfast IV	Superfast (Attica)	Kvaerner Masa Yards Turku	Diesel engines	10.560 x 2	148	2
1997	Superfast III	Superfast (Attica)	Kvaerner Masa Yards Turku	Diesel engines	10.560 x 2	148	2
1997	Brave Merchant	Cenargo	AESA Sevilla	Diesel engines	5.940 x 2	138	2
1997	Dawn Merchant	Cenargo	AESA Sevilla	Diesel engines	5.940 x 2	138	2
1997	Sea Nordica	Rederij Master Lemmer	YVC Ysselwerf	Diesel engines	5.280 x 2	108	1
1996	Sea Baltica	Rederij Master Lemmer	YVC Ysselwerf	Diesel engines	5.280 x 2	108	1

MERCHANT VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
1995	Captain George	Catamaran Lines	Royal Schelde	Diesel engines	5.700	559	4
1995	Commodore Goodwill	Commodore Shipping	Royal Schelde	Diesel engines	4.300	145	2
1995	Island Commodore	Commodore Shipping	Royal Schelde	Diesel engines	4.300	145	2
1993	European Express	Vroon Shipping	Verolme Heusden	Diesel engine	9.800	98	1
1992	Atlantic Lady	Oost Atlantic Lijn	Verolme Heusden	Diesel engine	9.800	98	1
1993	Natura	Neste Shipping	Kvaerner Masa Yards Turku	Diesel engines	5.400 x 2	70	1
1992	Futura	Neste Shipping	Kvaerner Masa Yards Turku	Diesel engines	5.400 x 2	70	1
1985	Royal Princess	P & O Cruises	Kvaerner Masa Yards Helsinki	Diesel engines	7.300 x 2	125	2
1981	Leinster	British and Irish Steam Packet	Verolme Cork	Diesel engines	3.300 x 2	125	2
1978	Connacht	British and Irish Steam Packet	Verolme Cork	Diesel engines	3.300 x 2	125	2
1978	Prinses Beatrix	Maatschappij Zeeland	Verolme Heusden	Diesel engines	4.000 x 2	253	2
1978	Alnati	Van Nievelt Goudriaan	Van der Giessen	Diesel engine	7.000	125	1
1978	Alphacca	Van Nievelt Goudriaan	Van der Giessen	Diesel engine	7.000	125	1
1977	Alhena	Van Nievelt Goudriaan	Van der Giessen	Diesel engine	7.000	125	1
1977	Aldabi	Van Nievelt Goudriaan	Van der Giessen	Diesel engine	7.000	125	1
1972	Cunard Ambassador	Cunard Line	Smit P.	Diesel engines	5.000 x 2	225	2
1971	Cunard Adventurer	Cunard Line	Rotterdam Dock Yard	Diesel engines	5.000 x 2	225	2
1954	Terrier	Wilhelmsen	Royal Schelde	Diesel engines	2.700 x 2	114	1
1946	Willem Ruys	Royal Rotterdam Lloyd	Royal Schelde	Diesel engines	2.900 x 4	140	2
1947	Carbet	Comp. Gen. Transatlantique	Royal Schelde	Diesel engines	2.600 x 2	118	1
1947	Caraiibe	Comp. Gen. Transatlantique	Royal Schelde	Diesel engines	2.600 x 2	118	1
1947	Carimare	Comp. Gen. Transatlantique	Royal Schelde	Diesel engines	2.600 x 2	118	1
1940	Prins Bernhard	P.S.D. Zeeland		Diesel engines	400 x 4	235	1

MERCHANT VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
<i>GAS TURBINE DRIVEN MERCHANT VESSELS</i>							
1972	Asiafreighter	Seatrain Lines	Rheinstahl Nordsee Werke	Gas turbines	25.700	135	2
1972	Asialiner	Seatrain Lines	Rheinstahl Nordsee Werke	Gas turbines	25.700	135	2
1971	Eurofreighter	Seatrain Lines	Rheinstahl Nordsee Werke	Gas turbines	22.100	135	2
1971	Euroliner	Seatrain Lines	Rheinstahl Nordsee Werke	Gas turbines	22.100	135	2
<i>STEAM TURBINE DRIVEN MERCHANT VESSELS</i>							
1984	Fairsky	Sitmar	C.N.I.M.	Steam turbines	11.800	145	2
1975	Maasbracht	Ned. Scheepvaart Unie	Verolme Botlek	Steam turbines	26.500	85	1
1975	Brazilian Marina	Int'l Bulkers Corp.	Verolme Brazil	Steam turbines	26.500	85	1
1975	Brazilian Peace	Int'l Bulkers Corp.	Verolme Brazil	Steam turbines	26.500	85	1
1975	Schleswig Holstein	Egon Oldendorf	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1975	Niedersachsen	Egon Oldendorf	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1975	Schelderix	Rijn Schelde Verolme	Verolme Botlek	Steam turbines	23.500	85	1
1975	Nepco Bahamas	New England Petroleum Comp.	Verolme Botlek	Steam turbines	23.500	85	1
1974	W. Essberger	Essberger	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1974	Westfalen	Poseidon Reederei	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1974	Sanko Crest	Crest Maritime Corp.	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1974	Sanko Stresa	Crest Maritime Corp.	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1974	Minerva	Union Kraftstoff	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1974	Viktoria	Union Kraftstoff	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1974	Egmond	Veba Chemie	Howaldtswerke Deutsche Werft	Steam turbines	23.500	85	1
1973	Faust	Veba Chemie	Howaldtswerke Deutsche werft	Steam turbines	23.500	85	1
1975	Bayern	Cosima Reederei	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1974	Baden	Poseidon Reederei	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1975	Rysy II	Polish Steamship Comp.	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1974	Giewont II	Polish Steamship Comp.	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1974	Kasprowy Wierch	Polish Steamship Comp.	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1975	H. Essberger	Essberger	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1971	J.A. Essberger	Essberger	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1971	Irfon	Associated Bulk Carriers	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1970	Clavigo	Gelsenberg	Howaldtswerke Deutsche Werft	Steam turbines	17.600	85	1
1973	Lloydiana	Lloyds Triestino	Italcantieri La Spezia	Steam turbines	23.900	110	1

MERCHANT VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
1973	Sea-land Exchange	Sealand Service (Marad)	Rotterdam Dock Yard	Steam turbines	44.100	135	2
1973	Sea-land Resource	Sealand Service (Marad)	Rotterdam Dock Yard	Steam turbines	44.100	135	2
1973	Sea-land Trade	Sealand Service (Marad)	Rheinstahl Nordsee Werke	Steam turbines	44.100	135	2
1973	Sea-land Finance	Sealand Service (Marad)	Rheinstahl Nordsee Werke	Steam turbines	44.100	135	2
1973	Sea-land Market	Sealand Service (Marad)	A.G. Weser	Steam turbines	44.100	135	2
1973	Sea-land Commerce	Sealand Service (Marad)	A.G. Weser	Steam turbines	44.100	135	2
1972	Sea-land Galloway	Sealand Service (Marad)	A.G. Weser	Steam turbines	44.100	135	2
1971	Libra	Zim Israël Lines	Howaldtswerke Deutsche Werft	Steam turbines	22.100	90	1
1970	Sagitta	Zim Israël Lines	Howaldtswerke Deutsche Werft	Steam turbines	22.100	90	1
1970	Texaco Europe	Texaco Panama	Howaldtswerke Deutsche Werft	Steam turbines	20.600	85	1
1969	Texaco Frankfurt	Texaco Panama	Howaldtswerke Deutsche Werft	Steam turbines	20.600	85	1
1969	Texaco North America	Texaco Panama	Howaldtswerke Deutsche Werft	Steam turbines	20.600	85	1
1969	Texaco Hamburg	Texaco Panama	Howaldtswerke Deutsche Werft	Steam turbines	20.600	85	1
1969	Gen. W.G. Haan	Hudson Waterways	Kayser Shipyard	Steam turbines	7.300	88	1
1969	Gen. J.H. McRae	Hudson Waterways	Kayser Shipyard	Steam turbines	7.300	88	1
1969	Gen. W.C. Langfitt	Hudson Waterways	Kayser Shipyard	Steam turbines	7.300	88	1
1969	Gen. W.F. Hase	Hudson Waterways	Kayser Shipyard	Steam turbines	7.300	88	1
1969	David P. Reynolds	Caribbean Steam Ship Comp.	Howaldtswerke Deutsche Werft	Steam turbines	13.400	85	1
1969	Hamburg	Hamburg America Lines	Howaldtswerke Deutsche Werft	Steam turbines	8.500	130	2
1969	Alert	Canadian Dep. of Transport	Davie Shipbuilding	Diesel engines	2.300 x 2	320	2
1968	Frederick Carter	Canadian Dep. of Transport	Davie Shipbuilding	Diesel engines	3.000 x 2	180	2
1969	Mactra	Shell Tankers	Howaldtswerke Deutsche Werft	Steam turbines	20.600	85	1
1968	Murex	Shell Tankers	Howaldtswerke Deutsche Werft	Steam turbines	20.600	85	1
1968	Texaco Rotterdam	Texaco Panama	Wilton Fijenoord	Steam turbines	11.400	105	1
1968	Texaco Brussels	Texaco Panama	Royal Schelde	Steam turbines	11.400	105	1
1968	Texaco Ghent	Texaco Panama	Royal Schelde	Steam turbines	11.400	105	1
1966	Panaghia	Rethymnis & Kulukundis	Furness Shipbuilding	Steam turbines	5.400	101	1
1968	London Valour	London & Overseas Freighters	Furness Shipbuilding	Steam turbines	5.400	101	1
1966	Overseas Explorer	London & Overseas Freighters	Furness Shipbuilding	Steam turbines	5.400	101	1
1964	Peter Maersk	A.P. Møller	Odense Staalskipsvaerft	Steam turbines	12.900	103	1
1963	Anglo Maersk	A.P. Møller	Odense Staalskipsvaerft	Steam turbines	12.900	103	1
1964	Prima Maersk	A.P. Møller	Odense Staalskipsvaerft	Steam turbines	12.900	103	1
1962	Doelwijk	Royal Rotterdam Lloyd	Rotterdam Dock Yard	Steam turbines	12.900	106	1
1963	Avedrecht	Van Ommeren	Wilton Fijenoord	Steam turbines	12.900	106	1
1961	Dovrefjell	Olsen & Ugelstad	Howaldtswerke Deutsche Werft	Steam turbines	12.900	106	1

MERCHANT VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
1960	Falkefjell	Olsen & Ugelstad	Howaldtswerke Deutsche Werft	Steam turbines	12.900	106	1
1957	World Grandeur	Niarchos	Howaldtswerke Deutsche werft	Steam turbines	12.900	106	1
1963	Kollskegg	Odd Berg	Howaldtswerke Deutsche Werft	Steam turbines	12.900	106	1
1959	Varbergshus	Trelleborgs Angfartygs	Howaldtswerke Deutsche Werft	Steam turbines	12.900	106	1
1960	Hoegh Gannet	Leiff Hoegh	Howaldtswerke Deutsche Werft	Steam turbines	12.900	106	1
1960	Hoegh Galleon	Leiff Hoegh	Howaldtswerke Deutsche Werft	Steam turbines	12.900	106	1
1962	Jaricha	Anders Jahre	Howaldtswerke Deutsche Werft	Steam turbines	12.900	106	1
1959	Jabetta	Anders Jahre	Howaldtswerke Deutsche Werft	Steam turbines	12.900	106	1
1963	Esso Den Haag	Esso Nederland	Verolme Botlek	Steam turbines	19.500	108	1
1962	Esso Hampshire	Esso Britain	Verolme Botlek	Steam turbines	19.500	108	1
1962	Esso Lybia	Esso Britain	Verolme Botlek	Steam turbines	19.500	108	1
1963	Esso Cardif	Esso Britain	N.D.S.M.	Steam turbines	14.000	103	1
1962	Esso Lincoln	Esso Britain	N.D.S.M.	Steam turbines	14.000	103	1
1963	Pareira Carneiro	Lloyds Brasileiro	Verolme Brazil	Steam turbines	7.000	121	1
1962	Henrique Lage	Lloyds Brasileiro	Verolme Brazil	Steam turbines	7.000	121	1
1963	W. Essberger	Essberger	Howaldtswerke Deutsche Werft	Steam turbines	15.400	106	1
1963	Trolltop	Halle & Petersen	Howaldtswerke Deutsche Werft	Steam turbines	15.400	106	1
1961	Gallant Colocotronis	Colocotronis	Lisnave	Steam turbines	15.400	106	1
1961	Naess Pride	Norness Shipping Comp.	Howaldtswerke Deutsche Werft	Steam turbines	15.400	106	1
1960	Naess Spirit	Norness Shipping Comp.	Howaldtswerke Deutsche Werft	Steam turbines	15.400	106	1
1962	Onoba	Shell Tankers	Rotterdam Dock Yard	Steam turbines	11.800	106	1
1960	Ondina	Shell Tankers	Rotterdam Dock Yard	Steam turbines	11.800	106	1
1960	Zafra	Shell Tankers	N.D.S.M.	Steam turbines	11.800	106	1
1960	Zaria	Shell Tankers	N.D.S.M.	Steam turbines	11.800	106	1
1962	Vitrea	Shell Tankers	Wilton Fijenoord	Steam turbines	8.100	102	1
1960	Viana	Shell Tankers	Wilton Fijenoord	Steam turbines	8.100	102	1
1960	Videnna	Shell Tankers	Wilton Fijenoord	Steam turbines	8.100	102	1
1960	Elqui	Comp. Sud Americana de Vapores	Blohm & Voss	Steam turbines	6.800	115	1
1960	Illapel	Comp. Sud Americana de Vapores	Blohm & Voss	Steam turbines	6.800	115	1
1960	Vlieland	Royal Rotterdam Lloyd	Wilton Fijenoord	Steam turbines	5.500	100	1
1960	Intercontinent	Intercontinent Tankers	Howaldtswerke Deutsche Werft	Steam turbines	13.100	103	1
1960	Chelwood Beacon	Van Ommeren	Rotterdam Dock Yard	Steam turbines	11.800	108	1
1960	Atys	Shell Tankers	N.D.S.M.	Steam turbines	5.500	100	1
1959	Arca	Shell Tankers Rotterdam	Dock Yard	Steam turbines	5.500	100	1

MERCHANT VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
1960	Esso Hannover	Esso Deutschland	Howaldtswerke Deutsche Werft	Steam turbines	13.100	103	1
1960	Esso Nürnberg	Esso Deutschland	Howaldtswerke Deutsche Werft	Steam turbines	13.100	103	1
1958	Esso Berlin	Esso Deutschland	Howaldtswerke Deutsche Werft	Steam turbines	13.100	103	1
1960	Esso Amsterdam	Esso Nederland	Van der Giessen	Steam turbines	13.100	103	1
1959	Esso Rotterdam	Esso Nederland	Van der Giessen	Steam turbines	13.100	103	1
1960	Naess Endeavour	Norness Shipping Comp.	N.D.S.M.	Steam turbines	14.200	101	1
1959	Borgholm	Olsen & Uegelstad	N.D.S.M.	Steam turbines	14.200	101	1
1958	Borgny	Olsen & Uegelstad	N.D.S.M.	Steam turbines	14.200	101	1
1960	Pres. Washington Luis	Petroleo Brasileiro	Verolme Botlek	Steam turbines	11.000	115	1
1959	Pres. Getulio	Petroleo Brasileiro	Verolme Botlek	Steam turbines	11.000	115	1
1959	Pres. Dutra	Petroleo Brasileiro	Verolme Botlek	Steam turbines	11.000	115	1
1958	Pres. Prudente de Morai	Petroleo Brasileiro	Verolme Botlek	Steam turbines	11.000	115	1
1959	Mohammed Reza Shah	Nat. Iranian Tanker Corp.	Verolme Botlek	Steam turbines	11.000	115	1
1958	Reza Shah The Great	Nat. Iranian Tanker Corp.	Verolme Botlek	Steam turbines	11.000	115	1
1959	Rotterdam	Holland America Line	Rotterdam Dock Yard	Steam turbines	14.200	135	2
1958	Enterprise	S.P.S. Tanker Corporation	Wilton Fijenoord	Steam turbines	10.100	112	1
1956	Caltex Rotterdam	Caltex	Wilton Fijenoord	Steam turbines	10.100	112	1
1957	Jacob Verolme	Ned. Tankvaart Maatschappij	Smit J.	Steam turbines	10.100	112	1
1956	Johannes Frans	Ned. Tankvaart Maatschappij	Smit J.	Steam turbines	10.100	112	1
1955	Thulin	Ned. Tankvaart Maatschappij	Smit J.	Steam turbines	10.100	112	1
1957	Lambros	Vlassopoulos	Verolme Botlek	Steam turbines	3.700	93	1
1957	Eurymedon	Marchessini	Verolme Botlek	Steam turbines	3.700	93	1
1956	Euryalos	Marchessini	Verolme Botlek	Steam turbines	3.700	93	1
1957	Kosicia	Shell Tankers	Wilton Fijenoord	Steam turbines	6.100	103	1
1955	Kopionella	Shell Tankers	Wilton Fijenoord	Steam turbines	6.100	103	1
1955	Kryptos	Shell Tankers	Smit P.	Steam turbines	6.100	103	1
1954	Krebsia	Shell Tankers	Smit P.	Steam turbines	6.100	103	1
1957	Kelletia	Shell Tankers	Rotterdam Dock Yard	Steam turbines	6.100	103	1
1955	Kalydon	Shell Tankers	Rotterdam Dock Yard	Steam turbines	6.100	103	1
1955	Kara	Shell Tankers	Rotterdam Dock Yard	Steam turbines	6.100	103	1
1955	Kabylia	Shell Tankers	Rotterdam Dock Yard	Steam turbines	6.100	103	1
1954	Katalysia	Shell Tankers	Rotterdam Dock Yard	Steam turbines	6.100	103	1
1955	Kenia	Shell Tankers	N.D.S.M.	Steam turbines	6.100	103	1
1956	Alrai	Afran Tankers	N.D.S.M.	Steam turbines	11.000	108	1
1956	Alkes	Afran Tankers	N.D.S.M.	Steam turbines	11.000	108	1
1956	Bengalen	Royal Rotterdam Lloyd	Van der Giessen	Steam turbines	6.700	117	1

MERCHANT VESSELS

Year	Ship name	Owner	Yard	Drivers	kW / gear	Prop.rpm	Gears/ship
1955	Moordrecht	Van Ommeren	Royal Schelde	Steam turbines	6.100	103	1
1955	Mijdrecht	Van Ommeren	Royal Schelde	Steam turbines	6.100	103	1
1958	Kaap Hoorn	Steam Nav. Comp. "Nederland"	N.D.S.M.	Steam turbines	6.100	103	1
1956	Ameland	Royal Rotterdam Lloyd	Smit P.	Steam turbines	6.100	103	1
1957	Munttoren	Royal Packet Nav. Comp.	Van der Giessen	Steam turbines	6.100	103	1
1954	Westertoren	Royal Packet Nav. Comp.	Rotterdam Dock Yard	Steam turbines	6.100	103	1
1956	Schelpwijk (*)	Erhardt & Dekkers	Royal Schelde	Steam turbines	6.100	103	1
1956	E.J. Mc. Clanahan	Caltex	Rotterdam Dock Yard	Steam turbines	6.100	103	1
1958	Alkmaar	Amsterdam Mar. Transp. Comp.	N.D.S.M.	Steam turbines	6.100	103	1
1957	Purmerend	Amsterdam Mar. Transp. Comp.	N.D.S.M.	Steam turbines	6.100	103	1
1955	Esso Nederland	Esso Nederland	Van der Giessen	Steam turbines	9.200	112	1
1952	Vtorya Pyatiletka	U.S.S.R.	Royal Schelde	Steam turbines	1.800	90	1

STEAM TURBINE DRIVEN MERCHANT VESSELS BUILT IN THE PRE-WAR YEARS

1938	Nieuw Amsterdam	Holland America Line	Rotterdam Dock Yard	Steam turbines	13.000	131	2
1935	Nieuw Zeeland	Holland America Line	Rotterdam Dock Yard	Steam turbines	2.900	131	2
1929	Tjibadak	Royal Rotterdam Lloyd	Van der Giessen	Steam turbines	2.600	85	1
1924	Slamat	Royal Rotterdam Lloyd	Royal Schelde	Steam turbines	2.600	90	2
1924	Tapanoeli	Royal Rotterdam Lloyd	De Maas	Steam turbines	2.800	86	1
1923	Kertosono	Royal Rotterdam Lloyd	Royal Schelde	Steam turbines	3.300	85	1
1922	Aalsum	Nav. Comp. Oostzee	Vuyck	Steam turbines	1.800	75	1
1922	Christiansborg	Nav. Comp. Oostzee	Vuyck	Steam turbines	1.000	70	1
1922	Hardenberg	Nav. Comp. Oostzee	Vuyck	Steam turbines	1.000	70	1
1921	Wolsum	Nav. Comp. Oostzee	Royal Schelde	Steam turbines	1.500	75	1
1920	Patria	Royal Rotterdam Lloyd	Royal Schelde	Steam turbines	2.600	90	2
1917	Garoet	Royal Rotterdam Lloyd	Royal Schelde	Steam turbines	2.600	90	1
1916	Sitoebondo	Royal Rotterdam Lloyd	Bonn & Mees	Steam turbines	2.600	90	1

DESIGN- AND CONSULTING ACTIVITIES BY DAMEN SCHELDE GEARS

Year	Customer	Subject
2010	CIVIS Orbis BV	Oscillating load drive 24 MW
2011	Damen Shipyard Group	Damage analysis Stan Patrol 42
2011	Stork Gears & Services	Consultancy engineering
2011	Stork Gears & Services	Pre-engineering drive gear system
2012	Sitech Services	Turning device a rotary dryer
2012	Stork Gears & Services	Evaluation of critical speeds
2008	DCNS - France	Corvette Gear Catalog for CODAD-types
2007	DCNS - France	Design gearbox large wind turbines
2006	DCNS - France	Consulting Brave Project
2006	DCNS - France	Design CODAD Royal Dutch Navy, 2 x 7500 kW
2006	DCNS - France	Consulting FREMM Frigate
2006	DCNS - France	Design COGAG, 2 x 22.000 kW
2005	DCNS - France	Design CODAG, 20.000 / 4488 kW
2005	DCNS - France	Design CODOG, 26.000 / 4488 kW
2005	DCNS - France	Design COGAG, 2 x 19.500 kW
2006/2007	Allen Gears - United Kingdom	Several gearbox related design studies for Naval application