




# REFERENCE LIST









No.	Country	Ship type	Ship name	Ship class	Shipyard	Year	HVAC System	CBRN Protection	Chilled Water Plant	Provision Cooling Plant	Firefighting
1	 Algeria	Frigate	El Moudamir	MEKO A-200	TKMS	2016/17	X	X	X	X	X
2		Frigate	Erradii	MEKO A-200	TKMS	2016	X	X	X	X	X
3	 Australia	Frigate	Perth	MEKO 200	Tenix Defence System Williamstown	2006	X		X	X	X
4		Frigate	Toowoomba	MEKO 200	Tenix Defence System Williamstown	2005	X		X	X	X
5		Frigate	Ballarat	MEKO 200	Tenix Defence System Williamstown	2004	X		X	X	X
6		Frigate	Parramatta	MEKO 200	Tenix Defence System Williamstown	2003	X		X	X	X
7		Frigate	Stuart	MEKO 200	Tenix Defence System Williamstown	2002	X		X	X	X
8		Frigate	Warramunga	MEKO 200	Tenix Defence System Williamstown	2001	X		X	X	X
9		Frigate	Arunta	MEKO 200	Transfield Williamstown	1998	X		X	X	X
10		Frigate	Anzac	MEKO 200	Transfield Williamstown	1996	X		X	X	X
11	 Bangladesh	Frigate		F25	Daewoo Okpo	2000	X	X			
12											
13	 Brazil	Patrol forces	Gravataí	12 Grajaú Class	Peenewerft Germany	2000	X	X	X		
14		Patrol forces	Guaratuba	12 Grajaú Class	Peenewerft Germany	1999	X	X	X		
15		Patrol forces	Gurupi	12 Grajaú Class	Peenewerft Germany	1996	X	X	X	X	
16		Patrol forces	Guajará	12 Grajaú Class	Peenewerft Germany	1995	X	X	X	X	


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17	 Brazil	Patrol forces	Guaporé	12 Grajaú Class	Peenewerft Germany	1995	X	X	X	X	
18		Patrol forces	Gurupá	12 Grajaú Class	Peenewerft Germany	1995	X	X	X	X	
19	 France	Frigate	Bretagne	Fremm	DCNS	under construction					X
20		Frigate	Normandie	Fremm	DCNS	under construction					X
21		Frigate	Lorraine	Fremm	DCNS	under construction					X
22		Frigate	Languedoc	Fremm	DCNS	under construction					X
23		Frigate	Auvergne	Fremm	DCNS	under construction					X
24		Frigate	Alsace	Fremm	DCNS	under construction					X
25		Frigate	Provence	Fremm	DCNS	2015					X
26		Frigate	Aquitaine	Fremm	DCNS	2012					X
27	 Germany	Frigate	Baden Württemberg	F125	TKMS	under construction					X
28		Frigate	Nordrhein Westfalen	F125	FLW	under construction					X
29		Frigate	Sachsen-Anhalt	F125	TKMS	under construction					X
30		Frigate	Rheinland-Pfalz	F125	FLW	under construction					X
31		Multipurpose vessel	Schwedeneck	748	Kröger Werft, Rendsburg	1987 Refit 2011	X		X		X
32		Combat task group support ship	Bonn	702	TKMS,Lürssen Peenewerft , FSG	2012					X

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33	 Germany	Corvette	Erfurt	K130	Thyssen Nordseewerke Emden	2008	X	X	X	X	X
34		Corvette	Oldenburg	K130	Blohm + Voss Hamburg	2008	X	X	X	X	X
35		Corvette	Ludwigshafen am Rhein	K130	Fr. Lürssen Werft GmbH & Co.KG	2008	X	X	X	X	X
36		Corvette	Braunschweig	K130	Blohm + Voss Hamburg	2007	X	X	X	X	X
37		Corvette	Magdeburg	K130	Fr. Lürssen Werft GmbH & Co.KG	2007	X	X	X	X	X
38		Frigate	Hessen	F 124	Thyssen Nordseewerke Emden	2005	X	X			X
39		Frigate	Sachsen	F 124	Blohm + Voss Hamburg	2004	X	X			X
40		Frigate	Hamburg	F 124	Howaldtswerke-Dt. Werft Kiel	2004	X	X			X
41		Research ship	Planet	751	Thyssen Nordseewerke Emden	2004	X		X	X	X
42		Combat task group support ship	Frankfurt am Main	702	Flensburger Schiffbau-Gesellschaft	2002	X	X	X	X	X
43		Combat task group support ship	Berlin	702	Flensburger Schiffbau-Gesellschaft	2001	X	X	X	X	X
44		Frigate	Bayern	F 123	Thyssen Nordseewerke Kiel	1996	X	X			X
45		Frigate	Mecklenburg-Vorpommern	F 123	Bremer Vulkan Thyssen Nordseewerke	1996	X	X			X
46		Frigate	Schleswig-Holstein	F 123	Howaldtswerke- Dt. Werft Kiel	1995	X	X			X
47		Frigate	Brandenburg	F 123	Blohm + Voss AG Hamburg	1994	X	X			X
48	Combat task group support ship	Main	404	Lürssen, Krögerwerft	1994	X	X	X		X	




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49	 Germany	Combat task group support ship	Donau	404	Lürssen, Krögerwerft	1994	X	X	X		X
50		Combat task group support ship	Elbe	404	Bremer Vulkan	1993	X	X	X	X	X
51		Combat task group support ship	Mosel	404	Bremer Vulkan	1993	X	X	X	X	X
52		Combat task group support ship	Rhein	404	Flensburger Schiffbau-Gesellschaft	1993	X	X	X	X	X
53		Combat task group support ship	Werra	404	Flensburger Schiffbau-Gesellschaft	1993	X	X	X	X	X
54		Frigate	Lübeck	F 122	Nordseewerke Emden, Bremer Vulkan	1990	X	X			X
57	 Greece	Frigate	Psara	MEKO 200HN	Hellenic Shipyard Skaramanga	1998	X	X	X	X	X
58		Frigate	Salamis	MEKO 200HN	Hellenic Shipyard Skaramanga	1998	X	X	X	X	X
59		Frigate	Spetsai	MEKO 200HN	Hellenic Shipyard Skaramanga	1996	X	X	X	X	X
60		Frigate	Hydra	MEKO 200HN	Blohm + Voss Hamburg	1992	X	X	X	X	X
61	 India	Frigate	Betwa	2+1 Brahmaputra Class	Garden Reach SY, Calcutta	2004					X
62		Frigate	Beas	2+1 Brahmaputra Class	Garden Reach SY, Calcutta	2002					X
63	 Malaysia	Corvette	Selangor	MEKO A 100	Blohm+Voss, Penang Shipbuilding	2008	X	X	X	X	X
64		Corvette	Kelantan	MEKO A 100	Blohm+Voss, Penang Shipbuilding	2007	X	X	X	X	X
65		Corvette	Terengganu	MEKO A 100	Blohm+Voss, Penang Shipbuilding	2006	X	X	X	X	X
66		Corvette	Pahang	MEKO A 100	Blohm+Voss, Penang Shipbuilding	2005	X	X	X	X	X

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67	 Malaysia	Corvette	Perak	MEKO A 100	Blohm+Voss, Penang Shipbuilding	2005	X	X	X	X	X
68		Corvette	Kedah	MEKO A 100	Blohm+Voss, Penang Shipbuilding	2004	X	X	X	X	X
69	 New Zealand	Patrol forces		inshore	Tenix Defence System Whangerai	2008	X	X	X		
70		Patrol forces		offshore	Tenix Defence System Williamstown	2007	X	X	X		
71		Patrol forces		offshore	Tenix Defence System Williamstown	2007	X	X	X		
72		Patrol forces		inshore	Tenix Defence System Whangerai	2007	X	X	X		
73		Patrol forces		inshore	Tenix Defence System Whangerai	2007	X	X	X		
74		Patrol forces		inshore	Tenix Defence System Whangerai	2007	X	X	X		
75		Frigates	Te Mana	MEKO 200	Tenix Defence System Williamstown	1999	X		X	X	
76		Frigates	Te Kaha	MEKO 200	Transfield Williamstown	1997	X		X	X	
79	 Portugal	Frigate	Vasco da Gama	MEKO 200	Blohm + Voss Hamburg	1991	X	X	X		X
80		Frigate	Alvares Cabral	MEKO 200	Howaldtswerke-Deutsche Werft Kiel	1991	X	X	X		X
81		Frigate	Corte Real	MEKO 200	Howaldtswerke-Deutsche Werft Kiel	1991	X	X	X		X

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82	 South Africa	Frigate	Mendi	MEKO A-200	Howaldtswerke-Deutsche Werft Kiel	2004	X	X	X		X
83		Frigate	Spionenkop	MEKO A-200	Blohm + Voss Hamburg	2003	X	X	X		X
84		Frigate	Amatola	MEKO A-200	Blohm + Voss Hamburg	2002	X	X	X		X
85		Frigate	Isandlwana	MEKO A-200	Howaldtswerke-Deutsche Werft Kiel	2002	X	X	X		X
86	 Spain	Patrol forces	Audaz	Meteoro Class	Navantia	under construction					X
87		Patrol forces	Furor	Meteoro Class	Navantia	under construction					X
88		Patrol forces	Relampago	Meteoro Class	Navantia	2012					X
89		Patrol forces	Tornado	Meteoro Class	Navantia	2012					X
90		Patrol forces	Meteoro	Meteoro Class	Navantia	2011					X
91		Patrol forces	Rayo	Meteoro Class	Navantia	2011					X
92	 Sweden	Corvette	Karlstad	1+4 Visby class	Karlskronavarvet	2005	X	X	X		
93		Corvette	Härnösand	1+4 Visby class	Karlskronavarvet	2004	X	X	X		
94		Corvette	Nyköping	1+4 Visby class	Karlskronavarvet	2004	X	X	X		
95		Corvette	Helsingborg	1+4 Visby class	Karlskronavarvet	2003	X	X	X		
96		Corvette	Visby	1+4 Visby class	Karlskronavarvet	2000	X	X	X		

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97	 Turkey	Frigate		Milgem I	Marinewerft Istanbul	under construction					X	
98		Frigate		Milgem II	Marinewerft Istanbul	under construction					X	
99		Frigate		Milgem III	Marinewerft Istanbul	under construction					X	
100		Frigate		Milgem IV	Marinewerft Istanbul	under construction					X	
101		Landing Ship Tank			ADIK	2016		X				
102		Landing Ship Tank			ADIK	2015		X				X
103		Patrol forces	Atak	4+5 Kilic class	Pendik Naval Shipyard Istanbul	2007	X	X	X			
104		Patrol forces	Bora	4+5 Kilic class	Pendik Naval Shipyard Istanbul	2007	X	X	X			X
105		Patrol forces	Zipkin	4+5 Kilic class	Pendik Naval Shipyard Istanbul	2006	X	X	X			X
106		Patrol forces	Meltem	4+5 Kilic class	Pendik Naval Shipyard Istanbul	2005	X	X	X			X
107		Patrol forces	Imbat	4+5 Kilic class	Pendik Naval Shipyard Istanbul	2005	X	X	X			X
108		Patrol forces	Tufan	4+5 Kilic class	Fr. Lürssen Werft GmbH & Co.KG	2004	X	X	X			X
109	Frigate	Kemalreis	MEKO 200	Gölcük Kocaeli	2000	X	X	X			X	
110	Patrol forces	Mizrak	4+5 Kilic class	Taskizak Navy Yard Istanbul	2000	X	X	X			X	
111	Patrol forces	Kalkan	4+5 Kilic class	Taskizak Navy Yard Istanbul	1999	X	X	X			X	
112	Frigate	Salihreis	MEKO 200	Blohm + Voss Hamburg	1998	X	X	X			X	



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113	 Turkey	Patrol forces	Kilic	4+5 Kilic class	Fr. Lürssen Werft GmbH & Co.KG	1998	X	X	X		X
114		Frigate	Orucreis	MEKO 200	Gölcük Kocaeli	1996	X	X	X		X
115		Frigate	Barbaros	MEKO 200	Blohm + Voss Hamburg	1995	X	X	X		X
116		Patrol forces	Karayel	2 Yildiz class	Taskizak Navy Yard Istanbul	1995					X
117		Patrol forces	Yildiz	2 Yildiz class	Taskizak Navy Yard Istanbul	1994					X
118	 UAE	Corvette		Baynunah class	Abu Dhabi Shipbuilding	under construction	X	X	X		X
119		Corvette		Baynunah class	Abu Dhabi Shipbuilding	under construction	X	X	X		X
120		Corvette		Baynunah class	Abu Dhabi Shipbuilding	under construction	X	X	X		X
121		Corvette	Al Dhafra	Baynunah class	Abu Dhabi Shipbuilding	2011	X	X	X		X
122		Corvette	Al Hesem	Baynunah class	Abu Dhabi Shipbuilding	2010	X	X	X		X
123		Corvette	Baynunah	Baynunah class	CMN Cherbourg	2008	X	X	X		X
124	 USA	Combat ship	Oakland	Independence	Austal	under construction					X
125		Combat ship	Jackson	Independence	Austal	under construction					X
126		Combat ship	Kansas City	Independence	Austal	under construction					X
127		Combat ship	Montgomery	Independence	Austal	under construction					X
128		Combat ship	Gabrielle Giffords	Independence	Austal	under construction					X

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129	 USA	Combat ship	Omaha	Independence	Austal	under construction					X
130		Combat ship	Manchester	Independence	Austal	under construction					X
131		Combat ship	Tulsa	Independence	Austal	under construction					X
132		Combat ship	Charleston	Independence	Austal	under construction					X
133		Combat ship	Cincinnati	Independence	Austal	under construction					X
134		Combat ship	Coronado	Independence	Austal	2014					X
135		Combat ship	Independence	Independence	Austal	2010					X
136	 Vietnam	Frigate	2 shipset	Gepard class	PHC	under construction			X		
137		Frigate	2 shipset	Gepard class	PHC	2010			X		