



# Submarine Reference List



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No.	Ship owner	Ship type	Ship name	Ship Class	Shipyard	Year	HVAC system	CBRN protection	Chilled Water Plant	Provision Cooling Plant	Fire fighting
35	Brasilian Navy	Submarine	Tikuna	209 Type 1400 mod.	Marine Arsenal Rio de Janeiro	2005	X		X	X	
36	Brasilian Navy	Submarine	Tapajo	209 Type 1400	Marine Arsenal Rio de Janeiro	1999	X		X	X	
37	Brasilian Navy	Submarine	Timbira	209 Type 1400	Marine Arsenal Rio de Janeiro	1996	X		X	X	
38	Brasilian Navy	Submarine	Tamoio	209 Type 1400	Marine Arsenal Rio de Janeiro	1994	X		X	X	
39	Brasilian Navy	Submarine	Tupi	209 Type 1400	HDW	1990	X		X	X	
40	Colombian Navy	Submarine		209 Type 1200	HDW	2016	X		X	X	
41	Colombian Navy	Submarine		209 Type 1200	HDW	2013	X		X	X	
42	Colombian Navy	Submarine		209 Type 1200	HDW	2010	X		X	X	
43	Colombian Navy	Submarine		209 Type 1200	HDW	2008	X		X	X	
44	Colombian Navy	Submarine	Pijao	209 Type 1200	Howaldtwerske-Deutsche Werft kiel	1975 / 2012	X		X	X	
45	Colombian Navy	Submarine	Tayrona	209 Type 1200	Howaldtwerske-Deutsche Werft kiel	1975/ 2012	X		X	X	
53	Egyptian Navy	Submarine	NB 449	209/1400	TKMS	under construction	X	X	X	X	
54	Egyptian Navy	Submarine	NB 450	209/1400	TKMS	under construction	X	X	X	X	
55	Egyptian Navy	Submarine	NB 447	209/1400	TKMS	2014	X	X	X	X	
56	Egyptian Navy	Submarine	NB 448	209/1400	TKMS	2014	X	X	X	X	
80	French Navy	Submarine		Barracuda class	DCNS	2006	X				
141	German Navy	Submarine	U36	212A	Howaldtwerske-Deutsche Werft kiel	2011	X		X	X	X
142	German Navy	Submarine	U35	212A	Howaldtwerske-Deutsche Werft kiel	2010	X		X	X	X
143	German Navy	Submarine	U34	212A	Thyssen Nordseewerke Emden	2005	X		X	X	X
144	German Navy	Submarine	U33	212A	Howaldtwerske-Deutsche Werft kiel	2004	X		X	X	X
145	German Navy	Submarine	U32	212A	Thyssen Nordseewerke Emden	2003	X		X	X	X
146	German Navy	Submarine	U31	212A	Howaldtwerske-Deutsche Werft kiel	2002	X		X	X	X

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151	Greek Navy	Submarine	Katsonis	214	Hellenic Shipyard Skaramanga	2007	X		X	X	X
152	Greek Navy	Submarine	Pipinos	214	Hellenic Shipyard Skaramanga	2006	X		X	X	X
153	Greek Navy	Submarine	Matrozos	214	Hellenic Shipyard Skaramanga	2005	X		X	X	X
154	Greek Navy	Submarine	Papanikolis	214	Howaldtswerke-Deutsche Werft kiel	2004	X		X	X	X
155	Greek Navy	Submarine	Pontos	mod.209 - 1200 Neptun II Poseidon class	HDW / kockums	2004	X	X	X	X	
156	Greek Navy	Submarine	Okeanos	mod.209 - 1200 Neptun II Poseidon class	HDW / Kockums	2003	X	X	X	X	
157	Greek Navy	Submarine	Poseidon	mod.209 - 1200 Neptun II Poseidon class	HDW / Kockums	2002	X	X	X	X	
158	Greek Navy	Submarine	Proteus	mod.209 - 1100 Neptun II Glavkos class	HDW	1995	X	X	X	X	
159	Greek Navy	Submarine	Triton	mod.209 - 1100 Neptun II Glavkos class	HDW	1994					
176	Indonesian Navy	Submarine	H.7713	209	DSME	under construction	X			X	
177	Indonesian Navy	Submarine	H.7714	209	DSME	under construction	X			X	
178	Indonesian Navy	Submarine	H.7712	209	DSME	2016	X			X	
179	Israeli Navy	Submarine		800 mod.	Howaldtswerke-Deutsche Werft kiel	2015	X		X		
180	Israeli Navy	Submarine	Rahav	800 mod.	Howaldtswerke-Deutsche Werft kiel	2011	X		X		
181	Israeli Navy	Submarine	Tanin	800 mod.	Howaldtswerke-Deutsche Werft kiel	2010	X		X		
182	Israeli Navy	Submarine	Tekuma	800	Howaldtswerke / Thyssen nord-seewerke	2000	X				
183	Israeli Navy	Submarine	Dolphin	800	Howaldtswerke / Thyssen nord-seewerke	1999	X				
184	Israeli Navy	Submarine	Leviathan	800	Howaldtswerke / Thyssen nord-seewerke	1999	X				
185	Italian Navy	Submarine	Romeo Romei	212A	Fincantieri	2013	X			X	X
186	Italian Navy	Submarine	Pietro Venuti	212A	Fincantieri	2012	X			X	X
187	Italian Navy	Submarine	Sciré	212A	Fincantieri	2006	X			X	X
188	Italian Navy	Submarine	Salvatore Todaro	212A	Fincantieri	2005	X			X	X

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220	Norwegian Navy	Submarine	Ula	Ula class modification	TNSW	2008	X		X	X	
221	Norwegian Navy	Submarine	Utvaer	Ula class modification	TNSW	2007	X		X	X	
222	Norwegian Navy	Submarine	Uredd	Ula class modification	TNSW	2007	X		X	X	
223	Norwegian Navy	Submarine	Uthaug	Ula class modification	TNSW	2007	X		X	X	
232	Portuguese Navy	Submarine	Arpao	U209 (U214)	Thyssen Nordseewerke Emden	2008	X		X	X	X
233	Portuguese Navy	Submarine	Tridente	U209 (U214)	Thyssen Nordseewerke Emden	2007	X		X	X	X
235	Singapore Navy	Submarine		214		under construction					X
236	Singapore Navy	Submarine		214		under construction					X
241	South African Navy	Submarine	Queen Modjadji	209/1400 mod.	Thyssen Nordseewerke Emden	2008	X		X	X	X
242	South African Navy	Submarine	Charlotte Maxekke	209/1400 mod.	Thyssen Nordseewerke Emden	2007	X		X	X	X
243	South African Navy	Submarine	Manthatisi	209/1400 mod.	Howaldtwerske-Deutsche Werft kiel	2005	X		X	X	X
244	South Korean Navy	Submarine	H.7716	KSS II	DSME	under construction					X
245	South Korean Navy	Submarine	H.7717	KSS II	DSME	under construction					X
246	South Korean Navy	Submarine	Ryu Gwansun	214	DSME / HHI	2015	X		X	X	X
247	South Korean Navy	Submarine		214	DSME / HHI	2014	X		X	X	X
248	South Korean Navy	Submarine	Yu Gwan sun	214	DSME / HHI	2013	X		X	X	X
249	South Korean Navy	Submarine		214	Dsme/ HHI	2013	X		X	X	X
250	South Korean Navy	Submarine	Yun Bong gil	214	HHI Ulsan	2012	X		X	X	X
251	South Korean Navy	Submarine	Kim Jwa jin	214	DSME/HHI	2011	X		X	X	X
252	South Korean Navy	Submarine	An Jung geun	214	HHI Ulsan	2009	X		X	X	X
253	South Korean Navy	Submarine	Jung ji	214	HHI Ulsan	2008	X		X	X	X
254	South Korean Navy	Submarine	Son Won il	214	HHI Ulsan	2007	X		X	X	X
255	South Korean Navy	Submarine	Lee Eokgi	209/1200	DSME Okpo	2001	X		X	X	X
256	South Korean Navy	Submarine	Lee Sunsin	209/1200	DSME Okpo	2000	X		X	X	X
257	South Korean Navy	Submarine	Na Daeyong	209/1200	DSME Okpo	2000	X		X	X	X
258	South Korean Navy	Submarine	Jeong Un	209/1200	DSME Okpo	1998	X		X	X	X
259	South Korean Navy	Submarine	Choi Muson	209/1200	DSME Okpo	1996	X		X	X	X
260	South Korean Navy	Submarine	Park Wi	209/1200	DSME Okpo	1996	X		X	X	X
261	South Korean Navy	Submarine	Lee Jong mu	209/1200	DSME Okpo	1996	X		X	X	X

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300	Turkish Navy	Submarine		214 mod.	TKMS / Gölcük Naval Shipyard	under construction	X		X	X	X
301		Submarine		214 mod.	TKMS / Gölcük Naval Shipyard	under construction	X		X	X	X
302		Submarine		214 mod.	TKMS / Gölcük Naval Shipyard	under construction	X		X	X	X
303		Submarine		214 mod.	TKMS / Gölcük Naval Shipyard	under construction	X		X	X	X
304		Submarine		214 mod.	TKMS / Gölcük Naval Shipyard	under construction	X		X	X	X
305		Submarine		214 mod.	TKMS / Gölcük Naval Shipyard	under construction	X		X	X	X
306		Submarine	Inönü Reis	209/1400	Gölcük	2007	X	X	X	X	
307		Submarine	Canakkale	209/1400	Gölcük	2006	X	X	X	X	
308		Submarine		209/1400	Gölcük	2005	X	X	X	X	
309		Submarine	Gür	209/1400	Gölcük	2003	X	X	X	X	
310		Submarine	Anafartalar	209/1400	Gölcük	1998	X		X	X	
311		Submarine	Mart	209/1400	Gölcük	1995	X		X	X	