

§ 706.2

32 CFR Ch. VI (7-1-12 Edition)

§ 706.2 Certifications of the Secretary of the Navy under Executive Order 11964 and 33 U.S.C. 1605.

The Secretary of the Navy hereby finds and certifies that each vessel listed in this section is a naval vessel of special construction or purpose, and that, with respect to the position of the navigational lights listed in this section, it is not possible to comply fully with the requirements of the provisions enumerated in the International Regulations for Preventing Collisions at Sea, 1972, without interfering with the special function of the vessel. The Secretary of the Navy further finds and certifies that the navigational lights in this section are in the closest possible compliance with the applicable provisions of the International Regulations for Preventing Collisions at Sea, 1972.

TABLE ONE

Vessel	Number	Distance in meters of forward masthead light below minimum required height. § 2(a)(i) Annex I
USS DOLPHIN	AGSS 555	0.8
USS MC INERNEY	FFG 8	1.6
USS CLARK	FFG 11	1.6
USS GEORGE PHILIP	FFG 12	1.6
USS SAMUEL ELIOT MORISON	FFG 13	1.6
USS SIDES	FFG 14	1.6
USS ESTOCIN	FFG 15	1.6
USS JOHN A. MOORE	FFG 19	1.6
USS BOONE	FFG 28	1.6
USS STEPHEN W. GROVES	FFG 29	1.6
USS JOHN L. HALL	FFG 32	1.6
USS JARRETT	FFG 33	1.6
USS UNDERWOOD	FFG 36	1.6
USS CROMMELIN	FFG 37	1.6
USS CURTS	FFG 38	1.6
USS DOYLE	FFG 39	1.6
USS HALYBURTON	FFG 40	1.6
USS MCCLUSKY	FFG 41	1.6
USS KLAKRING	FFG 42	1.6
USS THACH	FFG 43	1.6
USS DEWERT	FFG 45	1.6
USS RENTZ	FFG 46	1.6
USS NICHOLAS	FFG 47	1.6
USS VANDEGRIFT	FFG 48	1.6
USS ROBERT G. BRADLEY	FFG 49	1.6
USS TAYLOR	FFG 50	1.6
USS GARY	FFG 51	1.6
USS CARR	FFG 52	1.6
USS HAWES	FFG 53	1.6
USS FORD	FFG 54	1.6
USS ELROD	FFG 55	1.6
USS SIMPSON	FFG 56	1.6
USS REUBEN JAMES	FFG 57	1.6
USS SAMUEL B. ROBERTS	FFG 58	1.6
USS KAUFFMAN	FFG 59	1.6

TABLE ONE—Continued

Vessel	Number	Distance in meters of forward masthead light below minimum required height. § 2(a)(i) Annex I
USS RODNEY M. DAVIS	FFG 60	1.6
USS INGRAHAM	FFG 61	1.37
USS FREEDOM	LCS 1	5.99
USS INDEPENDENCE	LCS 2	4.91
USS FORT WORTH	LCS 3	5.965
USS OGDEN	LPD 5	4.15
USS DULUTH	LPD 6	4.4
USS DUBUQUE	LPD 8	4.2
USS DENVER	LPD 9	4.4
USS JUNEAU	LPD 10	4.27
USS NASHVILLE	LPD 13	4.38
USS TRIPOLI	LPH 10	3.3
LCAC (class)	LCAC 1	16.51
	through LCAC 100	
LCAC (class)	LCAC 1	7.84
	through LCAC 100	(Temp.) ²
USS INCHON	MCS 12	3.0
NR-1	NR 1	2.7
USS SEAWOLF	SSN 21	4.62
USS CONNECTICUT	SSN 22	4.62
USS JIMMY CARTER	SSN 23	4.32
USS PARCHE	SSN 683	3.58
USS KAMEHAMEHA	SSN 642	3.58
USS MENDEL RIVERS	SSN 686	2.40
USS LOS ANGELES	SSN 688	6.10
USS PHILADELPHIA	SSN 690	6.10
USS MEMPHIS	SSN 691	6.10
USS BREMERTON	SSN 698	3.49
USS JACKSONVILLE	SSN 699	3.35
USS DALLAS	SSN 700	3.5
USS LA JOLLA	SSN 701	3.5
USS CITY OF CORPUS CHRISTI	SSN 705	3.5
USS ALBUQUERQUE	SSN 706	3.5
USS PORTSMOUTH	SSN 707	3.5
USS MINNEAPOLIS-ST. PAUL	SSN 708	3.5
USS HYMAN G. RICKOVER	SSN 709	3.5
USS AUGUSTA	SSN 710	3.5
USS SAN FRANCISCO	SSN 711	3.5
USS HOUSTON	SSN 713	3.5
USS NORFOLK	SSN 714	3.5
USS BUFFALO	SSN 715	3.5
USS SALT LAKE CITY	SSN 716	3.5
USS OLYMPIA	SSN 717	3.5
USS HONOLULU	SSN 718	3.5
USS PROVIDENCE	SSN 719	3.5
USS PITTSBURGH	SSN 720	3.5
USS CHICAGO	SSN 721	3.5
USS KEY WEST	SSN 722	3.5
USS OKLAHOMA CITY	SSN 723	3.5
USS LOUISVILLE	SSN 724	3.5
USS HELENA	SSN 725	3.5
USS NEWPORT NEWS	SSN 750	3.5
USS SAN JUAN	SSN 751	3.5
USS PASADENA	SSN 752	3.5
USS ALBANY	SSN 753	3.5
USS TOPEKA	SSN 754	3.5
USS MIAMI	SSN 755	3.5
USS SCRANTON	SSN 756	3.5
USS ALEXANDRIA	SSN 757	3.5
USS ASHEVILLE	SSN 758	3.5
USS JEFFERSON CITY	SSN 759	3.4
USS ANNAPOLIS	SSN 760	3.5

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TABLE ONE—Continued

Vessel	Number	Distance in meters of forward masthead light below minimum required height. § 2(a)(i) Annex I
USS SPRINGFIELD	SSN 761	3.5
USS COLUMBUS	SSN 762	3.5
USS SANTA FE	SSN 763	3.5
USS BOISE	SSN 764	3.5
USS MONTPELIER	SSN 765	3.5
USS CHARLOTTE	SSN 766	3.5
USS HAMPTON	SSN 767	3.5
USS HARTFORD	SSN 768	3.5
USS TOLEDO	SSN 769	3.5
USS TUCSON	SSN 770	3.5
USS COLUMBIA	SSN 771	3.5
USS GREENEVILLE	SSN 772	3.5
USS CHEYENNE	SSN 773	3.5
USS VIRGINIA	SSN 774	2.9
USS TEXAS	SSN 775	2.90
USS HAWAII	SSN 776	2.90
USS NORTH CAROLINA	SSN 777	2.90
USS NEW HAMPSHIRE	SSN 778	2.90
USS NEW MEXICO	SSN 779	2.76
USS MISSOURI	SSN 780	2.76
USS CALIFORNIA	SSN 781	2.76
USS MISSISSIPPI	SSN 782	2.76
USS HENRY M. JACKSON	SSBN 730	3.70

TABLE ONE—Continued

Vessel	Number	Distance in meters of forward masthead light below minimum required height. § 2(a)(i) Annex I
USS ALABAMA	SSBN 731	3.70
USS ALASKA	SSBN 732	3.70
USS NEVADA	SSBN 733	3.70
USS TENNESSEE	SSBN 734	3.70
USS PENNSYLVANIA	SSBN 735	3.70
USS WEST VIRGINIA	SSBN 736	3.70
USS KENTUCKY	SSBN 737	3.70
USS MARYLAND	SSBN 738	3.70
USS NEBRASKA	SSBN 739	3.70
USS RHODE ISLAND	SSBN 740	3.70
USS MAINE	SSBN 741	3.70
USS WYOMING	SSBN 742	3.70
USS LOUISIANA	SSBN 743	3.70
USS OHIO	SSGN 726	3.70
USS MICHIGAN	SSGN 727	3.70
USS FLORIDA	SSGN 728	3.70
USS GEORGIA	SSGN 729	3.70

¹The permanent masthead light is 5.26 meters athwartship to port of centerline, 5.49 meters above the main deck.

²The temporary masthead light is 3.98 meters athwartship to starboard of centerline, 4.16 meters above the main deck.

TABLE TWO

Vessel	Number	Masthead lights, distance to keel in meters; Rule 21(a)	Forward anchor light, distance below flight deck in meters; § 2(K), Annex 1 ⁶	Forward anchor light, number of; Rule 30(a)(i)	AFT anchor light, distance below flight deck in meters; Rule 21(e), Rule 30(a)(ii) ⁶	AFT anchor light, number of; Rule 30(a)(ii)	Side lights, distance below flight deck in meters; § 2(g), Annex 1	Side lights, distance forward of masthead light in meters; § 3(b), Annex 1	Side lights, distance inboard of ship's sides in meters; § 3(b), Annex 1
CFPM (class)	CFPM-1 through CFPM-2	2.32							5.73
CSP (class)	CSP-101 through CSP-182	1.62							3.93
USS KITTY HAWK	CV 63	27.8		1		1	0.2		
USS CONSTELLATION	CV 64	28.2		1		1	0.4		
USS JOHN F. KENNEDY	CV 67	27.5		1	9.0	2	0.4		
USS ENTERPRISE	CVN 65	28.0					0.4		
USS NIMITZ	CVN 68	31.0					0.7		
USS DWIGHT D. EISENHOWER	CVN 69	31.0					0.2		
USS CARL VINSON	CVN 70	30.1		1		1	0.53		
USS THEODORE ROOSEVELT	CVN 71	30.0					0.51		
USS ABRAHAM LINCOLN	CVN 72	30.0					0.6		
USS GEORGE WASHINGTON	CVN 73	30.0					0.6		
USS JOHN C. STENNIS	CVN 74	30.0					0.6		
USS HARRY S. TRUMAN	CVN 75	30.02		1		1	0.56		
USS RONALD REAGAN	CVN 76	31.09					0.56		
USS GEORGE H. W. BUSH	CVN 77	31.09					0.46		
USS TARAWA	LHA 1	10.0		1		1	2.4	71.0	
USS SAIPAN	LHA 2	10.1		1		1	2.8	72.1	
USS BELLEAU WOOD	LHA 3	10.0					2.7	72.4	
USS NASSAU	LHA 4	10.0					2.7	72.4	
USS PELELIU	LHA 5	10.0	4				2.6	72.4	
USS WASP	LHD 1	9.0					2.8	89.0	
USS ESSEX	LHD 2						3.1	91.1	
USS KEARSARGE	LHD 3	8.9					3.0	91	
USS BOXER	LHD 4						3.0	90.9	
USS BATAAN	LHD 5						2.9	98.6	
USS BONHOMME RICHARD	LHD 6	9.0					2.9	89.6	
USS IWO JIMA	LHD 7						2.97	88.80	
USS MAKIN ISLAND	LHD 8	8.97					3.08	89.52	
USS TRIPOLI	LPH 10	10.6		1	2.2	2	0.4	47.5	
LCAC (class)	LCAC 1 through LCAC 100	5.26							31.5
		(Perm.) ²							
		3.98							
		(Temp.) ⁴							
LCAC (class)	LCAC 1 through LCAC 100	3.98							31.5
USS INCHON	MCS 12	10.6		1	2.2	2	0.4	47.5	
SLWT (class)	SLWT 1	1.62							53.93
SLWT (class)	SLWT 2	1.62							53.93
SLWT (class)	SLWT 3	1.62							53.93
SLWT (class)	SLWT-6	1.62							3.93

TABLE THREE

Vessel	No.	Masthead lights, arc of visibility; rule 21(a)	Side lights arc of visibility; rule 21(b)	Stern light arc of visibility; rule 21(c)	Side lights distance in-board of ship's sides in meters 3(b) annex 1	Stern light, distance forward of stern in meters; rule 21(c)	Forward anchor light, height above hull in meters; 2(K) annex 1	Anchor lights relationship of aft light to forward light in meters 2(K) annex 1
USS SAN ANTONIO ...	LPD 17	.....	.....	.....	.....	.....	.....	1.3 below
USS NEW ORLEANS	LPD 18	.....	.....	.....	.....	.....	.....	2.36 below
USS MESA VERDE	LPD 19	.....	.....	.....	.....	.....	.....	1.42 below
USS GREEN BAY	LPD 20	.....	.....	.....	.....	.....	.....	1.29 below
USS NEW YORK	LPD 21	.....	.....	.....	.....	.....	.....	1.75 below
USS SAN DIEGO	LPD 22	.....	.....	.....	.....	.....	.....	1.88 below
USS ANCHORAGE	LPD 23	.....	.....	.....	.....	.....	.....	1.19 below
USS ARLINGTON	LPD 24	.....	.....	.....	.....	.....	.....	1.62 below
USS ASHLAND	LSD 48	.....	.....	.....	.....	.....	.....	2.60 below
USS CYCLONE	PC 1	.....	.....	.....	.....	125.5	3.0	1.0
USS TEMPEST	PC 2	(2)	.....	.....	.....	128.3	3.0	1.1 below
USS HURRICANE	PC 3	(2)	.....	.....	.....	128.5	3.0	1.1 below
USS MONSOON	PC 4	(2)	.....	.....	.....	128.3	3.0	1.1 below
USS TYPHOON	PC 5	(2)	.....	.....	.....	128.5	3.0	1.1 below
USS SIROCCO	PC 6	(2)	.....	.....	.....	128.5	3.0	1.1 below
USS SQUALL	PC 7	(2)	.....	.....	.....	128.5	3.0	1.1 below
USS CHINOOK	PC 9	(2)	.....	.....	.....	128.5	3.0	1.1 below
USS FIREBOLT	PC 10	(2)	.....	.....	.....	128.5	3.0	1.1 below
USS WHIRLWIND	PC 11	(2)	.....	.....	.....	128.5	3.0	1.1 below
USS THUNDERBOLT	PC 12	(2)	.....	.....	.....	128.5	3.0	1.1 below
USS SHAMAL	PC 13	.....	.....	.....	.....	128.26	3.01	1.1 below
USS TORNADO	PC 14	.....	.....	.....	.....	127.8	3.01	1.1 below
USS DOLPHIN	AGSS 555	227.5½	119½	191½	2.1	10.8	1.8	0.5 above
NR-1	NR 1	238.5½	114°	136.5°	1.5	4.1	2.1	
USS SEAWOLF	SSN 21	225°	111.5°	205°	5.1	10.7	2.8	1.8 below
USS CONNECTICUT	SSN 22	232°	112.8°	207°	5.1	10.7	2.8	1.63 below
USS JIMMY CARTER	SSN 23	.....	.....	211°	5.12	10.7	2.8	1.63 below
USS KAMEHAMEHA ..	SSN 642	236°	117°	252°	3.8	7.6	2.1	same height
USS PARCHE	SSN 683	232°	112.5°	209°	4.1	6.8	2.2	0.2 below
USS L. MENDEL RIVERS.	SSN 686	236°	113°	252°	3.8	5.2	3.4	1.4 below
USS LOS ANGELES ..	SSN 698	236°	115°	252°	4.2	6.1	2.0	1.6 below
USS PHILADELPHIA ..	SSN 690	238°	115°	252°	4.2	6.1	2.0	1.6 below
USS MEMPHIS	SSN 691	236°	115°	252°	4.3	6.1	2.0	1.6 below
USS BREMERTON	SSN 698	.....	.....	209°	4.2	6.1	3.5	1.7 below
USS JACKSONVILLE	SSN 699	.....	.....	211°	4.2	6.1	3.5	1.7 below
USS DALLAS	SSN 700	.....	.....	.....	4.1	6.5	3.4	1.7 below
USS LA JOLLA	SSN 701	.....	.....	.....	4.2	6.1	3.5	1.7 below
USS CITY OF CORPUS CHRISTI.	SSN 705	.....	.....	209°	4.2	6.1	3.5	1.7 below
USS ALBUQUERQUE	SSN 706	.....	114°	.....	4.2	6.1	3.5	1.7 below
USS PORTSMOUTH ..	SSN 707	.....	.....	209°	4.2	6.1	3.5	1.7 below
USS MINNEAPOLIS-ST. PAUL.	SSN 708	.....	.....	209°	4.2	6.2	3.5	1.7 below
USS HYMAN G. RICKOVER.	SSN 709	.....	.....	209°	4.2	6.1	3.4	1.7 below
USS AUGUSTA	SSN 710	.....	.....	209°	4.2	6.1	3.4	1.7 below
USS SAN FRANCISCO.	SSN 711	.....	.....	.....	4.1	6.5	3.4	1.7 below
USS HOUSTON	SSN 713	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS NORFOLK	SSN 714	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS BUFFALO	SSN 715	.....	.....	209°	4.2	6.1	3.5	1.7 below
USS SALT LAKE CITY	SSN 716	.....	.....	209°	4.2	6.1	3.5	1.7 below
USS OLYMPIA	SSN 717	.....	.....	209°	4.2	6.1	3.4	1.7 below
USS HONOLULU	SSN 718	.....	.....	209°	4.2	6.1	3.4	1.7 below
USS PROVIDENCE	SSN 719	.....	.....	209°	4.2	6.1	3.4	1.7 below
USS PITTSBURGH	SSN 720	.....	.....	209°	4.2	6.1	3.4	1.7 below
USS CHICAGO	SSN 721	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS KEY WEST	SSN 722	.....	.....	209°	4.2	6.1	3.4	1.7 below
USS OKLAHOMA	SSN 723	.....	.....	209°	4.3	6.1	3.4	1.7 below
CITY.	.....	.....	.....	.....	.....	.....	.....	.....
USS LOUISVILLE	SSN 724	.....	113°	209°	4.2	6.1	3.5	1.7 below
USS HELENA	SSN 725	.....	.....	207°	4.2	6.2	3.5	1.7 below
USS NEWPORT NEWS.	SSN 750	.....	.....	209°	4.3	6.1	3.4	1.7 below

TABLE THREE—Continued

Vessel	No.	Masthead lights arc of visibility; rule 21(a)	Side lights arc of visibility; rule 21(b)	Stern light arc of visibility; rule 21(c)	Side lights distance in-board of ship's sides in meters 3(b) annex 1	Stern light, distance forward of stern in meters; rule 21(c)	Forward anchor light, height above hull in meters; annex 1	Anchor lights relationship of aft light to forward light in meters 2(K) annex 1
USS SAN JUAN	SSN 751	229°	113°	208°	4.2	6.1	3.5	1.7 below
USS PASADENA	SSN 752	255°	112.5°	206°	4.2	6.1	3.5	1.7 below
USS ALBANY	SSN 753	225°	112.5°	209°	4.3	6.1	3.4	1.7 below
USS TOPEKA	SSN 754	.....	.....	206°	4.2	6.2	3.5	1.7 below
USS MIAMI	SSN 755	.....	.....	206°	4.2	6.2	3.5	1.7 below
USS SCRANTON	SSN 756	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS ALEXANDRIA	SSN 757	.....	.....	205°	4.2	6.2	3.5	1.7 below
USS ASHEVILLE	SSN 758	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS JEFFERSON CITY	SSN 759	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS ANNAPOLIS	SSN 760	.....	.....	205°	4.2	6.2	3.5	1.7 below
USS SPRINGFIELD	SSN 761	.....	.....	205°	4.2	6.2	3.5	1.7 below
USS COLUMBUS	SSN 762	.....	.....	205°	4.2	6.2	3.5	1.7 below
USS SANTA FE	SSN 763	.....	.....	205°	4.2	6.2	3.5	1.7 below
USS BOISE	SSN 764	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS MONTPELIER	SSN 765	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS CHARLOTTE	SSN 766	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS HAMPTON	SSN 767	.....	.....	209°	4.3	6.1	3.4	1.7 below
USS HARTFORD	SSN 768	.....	.....	205°	4.2	6.2	3.5	1.7 below
USS TOLEDO	SSN 769	.....	.....	209°	4.4	6.1	3.4	1.7 below
USS TUCSON	SSN 770	.....	.....	209°	4.4	6.1	3.4	1.7 below
USS COLUMBIA	SSN 771	.....	.....	205°	4.2	6.2	3.5	1.7 below
USS GREENEVILLE	SSN 772	.....	.....	209°	4.4	6.1	3.4	1.7 below
USS CHEYENNE	SSN 773	.....	.....	209°	4.4	6.1	3.4	1.7 below
USS VIRGINIA	SSN 774	.....	.....	205°	4.37	11.05	2.8	0.30 below
USS TEXAS	SSN 775	.....	.....	210.2°	4.37	11.05	2.8	0.30 below
USS HAWAII	SSN 776	.....	.....	205°	4.37	11.05	2.8	0.30 below
USS NORTH CAROLINA	SSN 777	.....	.....	205.6°	4.37	11.05	2.8	0.30 below
USS NEW HAMPSHIRE	SSN 778	.....	.....	205.6°	4.37	11.05	2.8	0.30 below
USS NEW MEXICO	SSN 779	.....	.....	206.4°	4.37	11.05	2.8	0.30 below
USS MISSOURI	SSN 780	.....	.....	210.5°	4.37	11.05	2.8	0.30 below
USS CALIFORNIA	SSN 781	.....	.....	205.1°	4.37	11.05	2.8	0.30 below
USS MISSISSIPPI	SSN 782	.....	.....	209.0°	4.37	11.05	2.8	0.30 below
USS HENRY M. JACKSON	SSBN 730	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS ALABAMA	SSBN 731	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS ALASKA	SSBN 732	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS NEVADA	SSBN 733	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS TENNESSEE	SSBN 734	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS PENNSYLVANIA	SSBN 735	.....	.....	211.5°	5.3	9.0	3.8	4.0 below
USS WEST VIRGINIA	SSBN 736	.....	.....	211.5°	5.3	9.0	3.8	4.0 below
USS KENTUCKY	SSBN 737	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS MARYLAND	SSBN 738	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS NEBRASKA	SSBN 739	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS RHODE ISLAND	SSBN 740	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS MAINE	SSBN 741	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS WYOMING	SSBN 742	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS LOUISIANA	SSBN 743	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS OHIO	SSGN 726	225°	112.5°	209°	5.3	9.0	3.8	4.0 below
USS MICHIGAN	SSGN 727	225°	112.5°	209°	5.3	9.0	3.8	4.0 below
USS FLORIDA	SSGN 728	.....	.....	209°	5.3	9.0	3.8	4.0 below
USS GEORGIA	SSGN 729	225°	112.5°	209°	5.3	9.0	3.8	4.0 below
YTB (class)	YTB 769	.....	.....	.....	2.77	14.02	.....	.....
KEOKUK	YTB 771	.....	.....	.....	3.11	13.00	.....	.....
YTB 781	YTB 781	.....	.....	.....	2.56	13.41	.....	.....
YTB (class)	YTB 789	.....	.....	.....	2.50	14.99	.....	.....
YTB 806	YTB 806	.....	.....	.....	2.79	10.97	.....	.....
YTB 812	YTB 812	.....	.....	.....	3.03	14.02	.....	.....
YTB 813	YTB 813	.....	.....	.....	2.63	19.2	.....	.....
YTB 820	YTB 820	.....	.....	.....	3.08	14.20	.....	.....
SHABONEE	YTB 833	.....	.....	.....	2.77	13.34	.....	.....
YTB 835	YTB 835	.....	.....	.....	3.00	14.02	.....	.....

¹ Only when towing

²Lower forward masthead light (used for towing) is partially blocked at angles plus or minus 8.5 degrees off centerline; this light is used only when tow exceeds 200 meters from the stern of the ship to aft end of tow.

TABLE FOUR

1. Ships other than aircraft carrier types (CV, CVN, LHA, LHD, and LPH) may not simultaneously exhibit the masthead lights required by Rule 27(b)(iii) and the lights required by Rule 27(b)(i) for vessels restricted in their ability to maneuver when such simultaneous exhibition will present a hazard to their own safe operations. In those instances, the lights required by Rule 27(b)(i) will be exhibited. Ships conducting flight op-

erations also may not exhibit the stern light required by Rule 27(b)(iii).

2. To provide all-round visibility, the lights required by Rules 27 (a) and (b) will consist of two lights, one light port and one light starboard on the mast or superstructure at each location in the vertical array.

3. The second masthead light required by Rule 23(a)(ii) and the lights and shapes required by Rules 24, 27, and 30(d)(i) are not displayed by submarines.

4. On mine warfare type ships the masthead lights will not always be above and clear of the minesweeping lights, as is required by Annex I, Section 2(f). The positions of the masthead lights with relation to the minesweeping lights are as follows:

Vessel	MSO No.	Relationship of forward masthead light to all minesweeping lights	Relationship of after masthead light to lower minesweeping lights	Relationship of after masthead light to upper minesweeping lights
MSB	15	below .....	.....	.....
MSB	16	do .....	.....	.....
MSB	25	do .....	.....	.....
MSB	28	do .....	.....	.....
MSB	29	do .....	.....	.....
MSB	41	do .....	.....	.....
MSB	51	do .....	.....	.....
MSB	52	do .....	.....	.....

5. The masthead light required by Rule 23(a)(i) and Annex I, Paragraph 3(d), is not located in the forward part of the vessel on the CFPM Class, CSP Class, SLWT Class, and WT Class.

6. On the following ships the arc of visibility of the after masthead light required by Rule 23(a)(ii) and Annex I, section 2(f) may be obstructed from the right ahead on certain naval ships as follows: USS MAKIN ISLAND (LHD 8)—5°17'.

7. On the following ships the arc of visibility of the forward masthead light required by Rule 23(a)(i) may be obstructed through 1.6° arc of visibility at the points 021° and 339° relative to the ship's head.

USS MCINERNEY	FFG 8
USS CLARK	FFG 11
USS GEORGE PHILIP	FFG 12
USS SAMUEL ELIOT MORISON	FFG 13
USS SIDES	FFG 14
USS ESTOCIN	FFG 15
USS JOHN A. MOORE	FFG 19
USS BOONE	FFG 28
USS STEPHEN W. GROVES	FFG 29
USS JOHN L. HALL	FFG 32
USS JARRETT	FFG 33
USS UNDERWOOD	FFG 36
USS CROMMELIN	FFG 37
USS CURTS	FFG 38
USS DOYLE	FFG 39
USS HALYBURTON	FFG 40
USS MCCLUSKY	FFG 41
USS KLAKRING	FFG 42

USS THACH	FFG 43
USS DEWERT	FFG 45
USS RENTZ	FFG 46
USS NICHOLAS	FFG 47
USS VANDERGRIFT	FFG 48
USS ROBERT G. BRADLEY	FFG 49
USS TAYLOR	FFG 50
USS GARY	FFG 51
USS CARR	FFG 52
USS HAWES	FFG 53
USS FORD	FFG 54
USS ELROD	FFG 55
USS SIMPSON	FFG 56
USS REUBEN JAMES	FFG 57
USS SAMUEL B. ROBERTS	FFG 58
USS KAUFFMAN	FFG 59
USS RODNEY M. DAVIS	FFG 60
USS INGRAHAM	FFG 61

8. Sidelights on the following ships do not comply with Annex 1, Section 3(b):

Vessel	Number	Distance of sidelights forward of masthead light in meters
USS MCINERNEY	FFG 8	2.75
USS CLARK	FFG 11	2.75
USS GEORGE PHILIP	FFG 12	2.75
USS SAMUEL ELIOT MORISON ..	FFG 13	2.75
USS SIDES	FFG 14	2.75
USS ESTOCIN	FFG 15	2.75
USS JOHN A. MOORE	FFG 19	2.75
USS BOONE	FFG 28	2.75

Vessel	Number	Distance of sidelights forward of masthead light in meters
USS STEPHEN W. GROVES	FFG 29	2.75
USS JOHN L. HALL	FFG 32	2.75
USS JARRETT	FFG 33	2.69
USS UNDERWOOD	FFG 36	2.75
USS CROMMELIN	FFG 37	2.75
USS CURTS	FFG 38	2.75
USS DOYLE	FFG 39	2.75
USS HALYBURTON	FFG 40	2.75
USS MCCLUSKY	FFG 41	2.75
USS KLAKRING	FFG 42	2.75
USS THACH	FFG 43	2.75
USS DEWERT	FFG 45	2.75
USS RENTZ	FFG 46	2.75
USS NICHOLAS	FFG 47	2.75
USS VANDEGRIFT	FFG 48	2.75
USS ROBERT G. BRADLEY	FFG 49	2.75
USS TAYLOR	FFG 50	2.75
USS GARY	FFG 51	2.75
USS CARR	FFG 52	2.75
USS HAWES	FFG 53	2.75
USS FORD	FFG 54	2.75
USS ELROD	FFG 55	2.75
USS SIMPSON	FFG 56	2.75
USS REUBEN JAMES	FFG 57	2.75
USS SAMUEL B. ROBERTS	FFG 58	2.75
USS KAUFFMAN	FFG 59	2.75
USS RODNEY M. DAVIS	FFG 60	2.75
USS INGRAHAM	FFG 61	2.19

9. On LCAC-class amphibious vessels, full compliance with Rules 21(a), 21(b), and 22(b), and Annex I, section 2(a)(i), 72 COLREGS, cannot be obtained. Tables One and Two of section 706.2 provide the dimensions of closest possible compliance of LCAC-class amphibious vessels with the aforementioned rules. The following paragraph details the specific dimensions of closest possible compliance and the basis for certification by the Secretary of the Navy that full compliance with the aforementioned rules is not obtainable.

In LCAC-class amphibious vessels, there are permanent and temporary masts. The permanent masthead light is located 5.26 meters athwartship to port of centerline 5.49 meters above the hull. The temporary masthead light is located 3.98 meters athwartship to starboard of centerline, 4.16 meters in height above the hull. The temporary masthead light is displayed in lieu of the permanent masthead light only when LCAC-class amphibious vessels are operating with amphibious assault vessels. When operating in this mode, the sidelights are displayed at a height greater than three-quarters of the height of the temporary masthead light. The sidelights are located on top of the port and starboard deckhouses to permit the required unobstructed arcs of visibility and are 3.28 meters above the hull, resulting in a vertical separation between those lights and the temporary masthead light of 0.78 meters. Because of the minimal vertical separation be-

tween the sidelights and the temporary masthead light and the luminous intensity of the temporary light, the sidelights on these vessels may not be distinguishable by the naked eye at the 2-mile range required by Rule 22(b).

The arc of visibility of the temporary masthead light required by rule 21(a) may be obstructed at the following angles relative to the LCAC's heading, from 37.00 degrees thru 90.00 degrees up to a distance of 112.5 meters from the craft and from 276.75 degrees thru 277.25 degrees.

10. [Reserved]

11. On USS DOLPHIN (AGSS 555) the masthead light will be visible at a distance of 4.3 nautical miles and the sidelights will be visible at a distance of 2 nautical miles.

12.-13. [Reserved]

14. The following harbor tugs are equipped with a hinged mast. When the mast is in the lowered position as during a towing alongside or pushing operation, the two masthead lights required by Rule 24(c), and the all around lights required by Rule 27(b)(i) will not be shown; however, an auxiliary masthead light not meeting with Annex I, section 2(a)(i) height requirement will be exhibited.

Vessel No.	Distance in meters of aux. masthead light below minimum required height. Annex I, sec. 2(a)(i)
YTB 769	3.86
YTB 771	3.89
YTB 781	3.66
YTB 789	3.30
YTB 806	3.58
YTB 812	4.04
YTB 813	6.15
YTB 820	3.30
YTB 833	3.68
YTB 835	4.04

15. Task (restricted maneuverability) lights on the following ships do not comply with Annex I, section 3(c).

Vessel	Number	Horizontal distance from the fore and aft centerline of the vessel in the athwartship direction
USS ARLEIGH BURKE	DDG 51 ...	1.85 meters
USS BARRY	DDG 52 ...	1.94 meters
USS JOHN PAUL JONES	DDG 53 ...	1.89 meters
USS CURTIS WILBUR	DDG 54 ...	1.90 meters
USS STOUT	DDG 55 ...	1.90 meters
USS JOHN S. MCCAIN	DDG 56 ...	1.88 meters
USS MITSCHER	DDG 57 ...	1.93 meters
USS LABOON	DDG 58 ...	1.90 meters
USS RUSSELL	DDG 59 ...	1.91 meters
USS PAUL HAMILTON	DDG 60 ...	1.88 meters
USS RAMAGE	DDG 61 ...	1.91 meters
USS FITZGERALD	DDG 62 ...	1.90 meters
USS STETHEM	DDG 63 ...	1.91 meters
USS CARNEY	DDG 64 ...	1.90 meters
USS BENFOLD	DDG 65 ...	1.90 meters

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Vessel	Number	Horizontal distance from the fore and aft centerline of the vessel in the athwartship direction	Vessel	Number	Horizontal distance from the fore and aft centerline of the vessel in the athwartship direction
USS GONZALES	DDG 66	1.90 meters	USS CHAFEE	DDG 90	1.90 meters
USS COLE	DDG 67	1.90 meters	USS PINCKNEY	DDG 91	1.87 meters
USS THE SULLIVANS	DDG 68	1.87 meters	USS MOMSEN	DDG 92	1.88 meters
USS MILIUS	DDG 69	1.93 meters	USS CHUNG-HOON	DDG 93	1.95 meters
USS HOPPER	DDG 70	1.83 meters	USS NITZE	DDG 94	1.90 meters
USS ROSS	DDG 71	1.96 meters	USS JAMES E. WILLIAMS	DDG 95	1.89 meters
USS MAHAN	DDG 72	1.90 meters	USS BAINBRIDGE	DDG 96	1.90 meters
USS DECATUR	DDG 73	1.87 meters	USS HALSEY	DDG 97	1.93 meters
USS MCFAUL	DDG 74	1.91 meters	USS FORREST SHERMAN	DDG 98	1.87 meters
USS DONALD COOK	DDG 75	1.90 meters	USS FARRAGUT	DDG 99	1.84 meters
USS HIGGINS	DDG 76	1.92 meters	USS KIDD	DDG 100	1.89 meters
USS O'KANE	DDG 77	1.92 meters	USS GRIDLEY	DDG 101	1.86 meters
USS PORTER	DDG 78	1.92 meters	USS SAMPSON	DDG 102	1.88 meters
USS OSCAR AUSTIN	DDG 79	1.89 meters	USS TRUXTUN	DDG 103	1.86 meters
USS ROOSEVELT	DDG 80	1.90 meters	USS STERETT	DDG 104	1.88 meters
USS WINSTON S. CHURCHILL	DDG 81	1.87 meters	USS DEWEY	DDG 105	1.85 meters
USS HOWARD	DDG 83	1.88 meters	USS STOCKDALE	DDG 106	1.90 meters
USS LASSEN	DDG 82	1.93 meters	USS GRAVELY	DDG 107	1.83 meters
USS BULKELEY	DDG 84	1.90 meters	USS WAYNE E. MEYER	DDG 108	1.84 meters
USS MCCAMPBELL	DDG 85	1.85 meters	USS JASON DUNHAM	DDG 109	1.89 meters
USS SHOUP	DDG 86	1.90 meters	USS WILLIAM P. LAWRENCE	DDG 110	1.86 meters
USS MASON	DDG 87	1.87 meters	USS SPRUANCE	DDG 111	1.90 meters
USS PREBLE	DDG 88	1.93 meters	USS MICHAEL MURPHY	DDG 112	1.90 meters
USS MUSTIN	DDG 89	1.93 meters	USS INDEPENDENCE	LCS 2	1.31 meters

16. On the following ships, the arc of visibility of the forward masthead light, required by rule 21(a), may be obstructed at the following angles relative to ship's heading:

Vessel	Number	Obstruction angle relative ship's headings
USS ARLEIGH BURKE	DDG 51	100.00 thru 112.50°
USS JOHN PAUL JONES	DDG 53	103.29 thru 112.50°
USS CURTIS WILBUR	DDG 54	102.61 thru 112.50°
USS JOHN S. MCCAIN	DDG 56	102.53 thru 112.50°
USS MITSCHER	DDG 57	109.66 thru 112.50°
USS RUSSELL	DDG 59	103.66 thru 112.50°
USS RAMAGE	DDG 61	103.66 thru 112.50°
USS FITZGERALD	DDG 62	108.30 thru 112.50°
USS STETHEM	DDG 63	108.5 thru 112.50°
USS GONZALES	DDG 66	101.69 thru 112.50°
USS COLE	DDG 67	101.83 thru 112.50°
USS HOPPER	DDG 70	102.25 thru 112.50°
USS ROSS	DDG 71	104.05 thru 112.50°
USS MAHAN	DDG 72	102.11 thru 112.50°
USS MCFAUL	DDG 74	102.00 thru 112.50E°
USS DONALD COOK	DDG 75	108.78 thru 112.50°
USS HIGGINS	DDG 76	108.60 thru 112.50°
USS O'KANE	DDG 77	102.00 thru 112.50°
USS PORTER	DDG 78	108.43 thru 112.50°
USS OSCAR AUSTIN	DDG 79	107.94 thru 112.50°
USS ROOSEVELT	DDG 80	109.34 thru 112.50°
USS WINSTON S. CHURCHILL	DDG 81	103.72 thru 112.50°
USS LASSEN	DDG 82	109.11 thru 112.50°
USS HOWARD	DDG 83	109.11 thru 112.50°
USS BULKELEY	DDG 84	109.60 thru 112.50°
USS MCCAMPBELL	DDG 85	108.61 thru 112.50°
USS SHOUP	DDG 86	190.46 thru 112.50°
USS MASON	DDG 87	108.03 thru 112.50°
USS PREBLE	DDG 88	109.20 thru 112.50°
USS MUSTIN	DDG 89	107.83 thru 112.50°
USS CHAFEE	DDG 90	108.88 thru 112.50°
USS PINCKNEY	DDG 91	107.07 thru 112.50°
USS MOMSEN	DDG 92	108.10 thru 112.50°
USS CHUNG-HOON	DDG 93	108.38 thru 112.50°
USS NITZE	DDG 94	108.75 thru 112.50°

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Vessel	Number	Obstruction angle relative ship's headings
USS JAMES E. WILLIAMS	DDG 95	108.79 thru 112.50°
USS BAINBRIDGE	DDG 96	108.75 thru 112.50°
USS HALSEY	DDG 97	107.00 thru 112.50°
USS FORREST SHERMAN	DDG 98	105.59 thru 112.50°
USS FARRAGUT	DDG 99	109.12 thru 112.50°
USS KIDD	DDG 100	107.67 thru 112.50°
USS GRIDLEY	DDG 101	107.25 thru 112.50°
USS SAMPSON	DDG 102	107.27 thru 112.50°
USS TRUXTUN	DDG 103	110.02 thru 112.50°
USS STERETT	DDG 104	106.82 thru 112.50°
USS DEWEY	DDG 105	109.52 thru 112.50°
USS STOCKDALE	DDG 106	107.08 thru 112.50°
USS GRAVELY	DDG 107	108.66 thru 112.50°
USS WAYNE E. MEYER	DDG 108	106.71 thru 112.50°
USS JASON DUNHAM	DDG 109	107.09 thru 112.50°
USS WILLIAM P. LAWRENCE	DDG 110	107.86 thru 112.50°
USS SPRUANCE	DDG 111	107.48 thru 112.50°
USS MICHAEL MURPHY	DDG 112	109.60 thru 112.50°
USS INDEPENDENCE	LCS 2	71 thru 73° 76 thru 78° 287 thru 289° 271 thru 278°
USV	11MUCO601, 11MUCO602, 11MUCO603, 11MUCO604.	

17. The second masthead light required by Rule 23(a)(ii) will not be displayed on the PC 1 Class.

18. On the following mine warfare type ships, the arc of visibility of the lower all-round minesweep lights required by Rule 27(f), may be obstructed through the following angles relative to the ship's heading:

Vessel	Number	Obscured angles relative to ship's heading	
		Port	STBD
OSPREY	MHC 51	59.5° to 78.3°	281.7° to 300.5°
HERON	MHC 52	59.5° to 78.3°	281.7° to 300.5°
PELICAN	MHC 53	59.5° to 78.3°	281.7° to 300.5°
ROBIN	MHC 54	59.5° to 78.3°	281.7° to 300.5°
ORIOLE	MHC 55	65.0° to 75.6°	284.1° to 294.6°
CORMORANT	MHC 57	59.5° to 78.3°	281.7° to 300.5°
BLACK HAWK	MHC 58	65.0° to 75.6°	284.1° to 294.6°
USS FALCON	MHC 59	65.0° to 75.6°	284.1° to 294.6°
CARDINAL	MHC 60	65.0° to 75.6°	284.1° to 294.6°

19. Sidelights on the following ships do not comply with Annex I, Section 2 (g):

Vessel	Number	Distance in meters of sidelights above maximum allowed height.
USS OGDEN	LPD 5	3.40
USS DUBUQUE	LPD 8	1.2
USS DENVER	LPD 9	4.9
USS JUNEAU	LPD 10	1.6
USS NASHVILLE	LPD 13	5.37

20. On the following ships, the all-round task lights (not under command or restricted in ability to maneuver) required by Rule

27(a) and (b) are unable to be mounted in a vertical line. Instead, the lights deviate from a vertical line by the indicated amount.

Vessel	Number	Angle in degrees of task lights off vertical as viewed from directly ahead or astern
USS SAN ANTONIO	LPD 17	10
USS NEW ORLEANS	LPD 18	10
USS MESA VERDE	LPD 19	10
USS GREEN BAY	LPD 20	10
USS NEW YORK	LPD 21	10
USS SAN DIEGO	LPD 22	10
USS ANCHORAGE	LPD 23	10
USS ARLINGTON	LPD 24	10

21. On the following ships, the forward towing light array and Restricted Maneuvering light array do not meet the vertical spacing requirements described by Annex I, paragraph 2(i)(i).

Vessel	Forward towing light array, vertical spacing (meters)	Restricted maneuvering light array, vertical spacing (meters)
CFPM-1 through CFPM-2	1.00	1.00
WT-1 through WT-4	1.00	1.00

22. On the following ships the vertical separation of the task lights do not meet the vertical spacing requirements described by Annex I, 2(i)(iii).

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TABLE FOUR

Vessel	No.	Vertical separation of the task light array is not equally spaced, the separation between the middle and lower task light exceed the separation between the upper and middle light by
USS FREEDOM	LCS 1	0.39 meter

TABLE FOUR—Continued

Vessel	No.	Vertical separation of the task light array is not equally spaced, the separation between the middle and lower task light exceed the separation between the upper and middle light by
USS FORT WORTH.	LCS 3	0.41 meter

23. On the following ships the verticality of the restricted maneuvering light array do not meet verticality requirements described in Rule 27(b)(i).

Vessel	Number	Verticality of lights, when viewed directly from the port or starboard, the lower task light is out of alignment with the upper and middle task light in meters by:	Verticality of lights, when viewed directly from the bow or stern, the lower task light is with out of alignment the upper and middle task light in meters by:
USV	11MUCO601	0.85	
	11MUCO602	0.85	
	11MUCO603	0.85	
	11MUCO604	0.85	
USS FORT WORTH	LCS 3		0.21

24. On the following ships the vertical separation of the Restricted Maneuvering Light Array lights do not meet requirements described in Annex I, paragraph 2(i)(ii).

Vessel	Number	Restricted maneuvering light array, vertical spacing in meters
USV	11MUCO601, 11MUCO602, 11MUCO603, 11MUCO604	0.49

TABLE FIVE

Vessel	No.	Masthead lights not over all other lights and obstructions, annex I, sec. 2(f)	Forward masthead light not in forward quarter of ship, annex I, sec. 3(a)	After mast-head light less than 1/2 ship's length aft of forward masthead light, annex I, sec. 3(a)	Percentage horizontal separation attained
USS FLINT	AE 32			X	98
USS SHASTA	AE 33			X	98
USS NIAGARA FALLS	AFS 3			X	97.9
USS CONCORD	AFS 5			X	97
USS SAN JOSE	AFS 7			X	98.1
USS LA SALLE	AGF 3			X	54
USS CORONADO	AGF 11			X	55
USS TICONDEROGA	CG 47		X	X	38.3
USS YORKTOWN	CG 48		X	X	38.0
USS VINCENNES	CG 49		X	X	38
USS VALLEY FORGE	CG 50		X	X	38
USS THOMAS S. GATES	CG 51		X	X	38
USS BUNKER HILL	CG 52		X	X	36.8
USS MOBILE BAY	CG 53		X	X	36.8
USS ANTIETAM	CG 54		X	X	36.8
USS LEYTE GULF	CG 55		X	X	38
USS SAN JACINTO	CG 56		X	X	38
USS LAKE CHAMPLAIN	CG 57		X	X	36.9
USS PHILIPPINE SEA	CG 58		X	X	36.8
USS PRINCETON	CG 59		X	X	38

TABLE FIVE—Continued

Vessel	No.	Masthead lights not over all other lights and obstructions. annex 1, sec. 2(f)	Forward masthead light not in forward quarter of ship. annex 1, sec. 3(a)	After masthead light less than 1/2 ship's length aft of forward masthead light. annex 1, sec. 3(a)	Percentage horizontal separation attained
USS NORMANDY	CG 60		X	X	38
USS MONTEREY	CG 61		X	X	38
USS CHANCELLORSVILLE	CG 62		X	X	38
USS COWPENS	CG 63		X	X	38
USS GETTYSBURG	CG 64		X	X	38
USS CHOSIN	CG 65		X	X	38
USS HUE CITY	CG 66		X	X	38
USS SHILOH	CG 67		X	X	38
USS ANZIO	CG 68		X	X	38
USS VICKSBURG	CG 69	N/A	X	X	38
USS LAKE ERIE	CG 70	N/A	X	X	38
USS CAPE ST. GEORGE	CG 71	N/A	X	X	38
USS VELLA GULF	CG 72	N/A	X	X	38
USS PORT ROYAL	CG 73	N/A	X	X	38
USS KITTY HAWK	CV 63		X		
USS CONSTELLATION	CV 64		X		
USS ENTERPRISE	CVN 65		X		
USS NIMITZ	CVN 68		X		
USS DWIGHT D. EISENHOWER	CVN 69		X		
USS CARL VINSON	CVN 70		X		
USS THEODORE ROOSEVELT	CVN 71		X		
USS ABRAHAM LINCOLN	CVN 72		X		
USS GEORGE WASHINGTON	CVN 73		X		
USS JOHN C. STENNIS	CVN 74		X		
USS HARRY S TRUMAN	CVN 75		X		
USS RONALD REAGAN	CVN 76		X		
USS GEORGE H. W. BUSH	CVN 77		X		
USS SPRUANCE	DD 963		X	X	46
USS PAUL F. FOSTER	DD 964		X	X	46.4
USS KINKAID	DD 965		X	X	46.4
USS HEWITT	DD 966		X	X	46.4
USS ELLIOT	DD 967		X	X	46.4
USS PETERSON	DD 969		X	X	46.4
USS ARTHUR W. RADFORD	DD 968		X	X	46.4
USS CARON	DD 970		X	X	46.4
USS DAVID R. RAY	DD 971		X	X	46.4
USS OLDENDORF	DD 972	N/A	X	X	45
USS JOHN YOUNG	DD 973		X	X	46
USS O'BRIEN	DD 975		X	X	46.1
USS BRISCOE	DD 977		X	X	46.4
USS STUMP	DD 978		X	X	46
USS MOOSBRUGGER	DD 980		X	X	46
USS JOHN HANCOCK	DD 981		X	X	46.4
USS NICHOLSON	DD 982		X	X	46.4
USS CUSHING	DD 985		X	X	46
USS O'BANNON	DD 987		X	X	46
USS THORN	DD 988		X	X	46
USS DEYO	DD 989		X	X	46
USS FIFE	DD 991		X	X	48
USS FLETCHER	DD 992		X	X	46
USS HAYLER	DD 997	N/A	X	X	44
USS ARLEIGH BURKE	DDG 51	X	X	X	19.0
USS BARRY	DDG 52		X	X	14.7
USS JOHN PAUL JONES	DDG 53	X	X	X	18.9
USS CURTIS WILBUR	DDG 54	X	X	X	19.6
USS STOUT	DDG 55		X	X	20.3
USS JOHN S. McCAIN	DDG 56	X	X	X	19.8
USS MITSCHER	DDG 57		X	X	12.4
USS LABOON	DDG 58	X	X	X	20.3
USS RUSSELL	DDG 59	X	X	X	20.6
USS PAUL HAMILTON	DDG 60		X	X	21.2
USS RAMAGE	DDG 61	X	X	X	19.2
USS FITZGERALD	DDG 62	X	X	X	21.2
USS STETHEM	DDG 63	X	X	X	20.9
USS CARNEY	DDG 64		X	X	14.4

TABLE FIVE—Continued

Vessel	No.	Masthead lights not over all other lights and obstructions. annex 1, sec. 2(f)	Forward masthead light not in forward quarter of ship. annex 1, sec. 3(a)	After mast-head light less than 1/2 ship's length aft of forward masthead light. annex 1, sec. 3(a)	Percentage horizontal separation attained
USS BENFOLD	DDG 65	X	X	X	14.8
USS GONZALES	DDG 66	X	X	X	20.4
USS COLE	DDG 67	X	X	X	14.0
USS The SULLIVANS	DDG 68	.....	X	X	21.2
USS MILIUS	DDG 69	.....	X	X	14.7
USS HOPPER	DDG 70	X	X	X	20.4
USS ROSS	DDG 71	X	X	X	20.6
USS MAHAN	DDG 72	X	X	X	13.9
USS DECATUR	DDG 73	N/A	X	X	15.0
USS MCFAUL	DDG 74	X	X	X	13.9
USS DONALD COOK	DDG 75	X	X	X	14.8
USS HIGGINS	DDG 76	X	X	X	14.8
USS O'KANE	DDG 77	X	X	X	14.0
USS PORTER	DDG 78	X	X	X	14.4
USS OSCAR AUSTIN	DDG 79	X	X	X	14.7
USS ROOSEVELT	DDG 80	X	X	X	14.6
USS WINSTON S. CHURCHILL	DDG 81	X	X	X	14.0
USS LASSEN	DDG 82	X	X	X	14.5
USS HOWARD	DDG 83	X	X	X	14.6
USS BULKELEY	DDG 84	X	X	X	14.7
USS MCCAMPBELL	DDG 85	X	X	X	14.6
USS SHOUP	DDG 86	X	X	X	14.6
USS MASON	DDG 87	X	X	X	14.5
USS PREBLE	DDG 88	X	X	X	14.7
USS MUSTIN	DDG 89	X	X	X	14.4
USS CHAFEE	DDG 90	X	X	X	14.6
USS PINCKNEY	DDG 91	X	X	X	14.4
USS MOMSEN	DDG 92	X	X	X	14.5
USS CHUNG-HOON	DDG 93	X	X	X	14.4
USS NITZE	DDG 94	X	X	X	14.5
USS JAMES E. WILLIAMS	DDG 95	X	X	X	14.6
USS BAINBRIDGE	DDG 96	X	X	X	14.5
USS HALSEY	DDG 97	X	X	X	14.3
USS FORREST SHERMAN	DDG 98	X	X	X	14.1.
USS FARRAGUT	DDG 99	X	X	X	14.5
USS KIDD	DDG 100	X	X	X	14.4.
USS GRIDLEY	DDG 101	X	X	X	14.5.
USS SAMPSON	DDG 102	X	X	X	14.5
USS TRUXTUN	DDG 103	X	X	X	14.6
USS STERETT	DDG 104	X	X	X	14.5
USS DEWEY	DDG 105	X	X	X	14.5
USS STOCKDALE	DDG 106	X	X	X	14.5
USS GRAVELY	DDG 107	X	X	X	14.6
USS WAYNE E. MEYER	DDG 108	X	X	X	14.5
USS JASON DUNHAM	DDG 109	X	X	X	14.5
USS WILLIAM P. LAWRENCE	DDG 110	X	X	X	14.7
USS SPRUANCE	DDG 111	X	X	X	14.9
USS MICHAEL MURPHY	DDG 112	X	X	X	14.5
USS BLUE RIDGE	LCC 19	N/A	N/A	X	84
USS MOUNT WHITNEY	LCC 20	.....	.....	X	84
USS FREEDOM	LCS 1	.....	X	X	23
USS INDEPENDENCE	LCS 2	.....	X	X	18.8
USS FORT WORTH	LCS 3	.....	X	X	23
USS TARAWA	LHA 1	.....	X	X	13
USS SAIPAN	LHA 2	.....	X	X	10.2
USS BELLEAU WOOD	LHA 3	.....	X	X	13
USS NASSAU	LHA 4	.....	X	X	13
USS PELELIU	LHA 5	.....	X	X	13
USS WASP	LHD 1	.....	X	X	41
USS ESSEX	LHD 2	.....	X	X	39
USS KEARSARGE	LHD 3	.....	X	X	39.5
USS BOXER	LHD 4	.....	X	X	39.3
USS BATAAN	LHD 5	.....	X	X	39.7
USS BONHOMME RICHARD	LHD 6	.....	X	X	39.8
USS IWO JIMA	LHD 7	.....	X	X	41.5

TABLE FIVE—Continued

Vessel	No.	Masthead lights not over all other lights and obstructions. annex 1, sec. 2(f)	Forward masthead light not in forward quarter of ship. annex 1, sec. 3(a)	After mast-head light less than 1/2 ship's length aft of forward masthead light. annex 1, sec. 3(a)	Percentage horizontal separation attained
USS MAKIN ISLAND	LHD 8		X	X	40.9
USS AUSTIN	LPD 4			X	37
USS OGDEN	LPD 5	N/A	N/A	X	56.6
USS DULUTH	LPD 6	N/A	N/A	X	56.8
USS CLEVELAND	LPD 7			X	49
USS DUBUQUE	LPD 8			X	57
USS DENVER	LPD 9	N/A	N/A	X	54.7
USS JUNEAU	LPD 10	N/A	N/A	X	54.8
USS SHREVEPORT	LPD 12			X	49
USS NASHVILLE	LPD 13		N/A	X	54.7
USS TRENTON	LPD 14			X	41
USS PONCE	LPD 15			X	55
USS SAN ANTONIO	LPD 17			X	71.0
USS NEW ORLEANS	LPD 18			X	70.7
USS MESA VERDE	LPD 19			X	70.9
USS GREENBAY	LPD 20			X	70.9
USS NEW YORK	LPD 21			X	71.0
USS SAN DIEGO	LPD 22			X	71
USS ANCHORAGE	LPD 23			X	71
USS ARLINGTON	LPD 24			X	71
USS TRIPOLI	LPH 10		X	X	12
USS ANCHORAGE	LSD 36			X	46
USS PORTLAND	LSD 37			X	46
USS MOUNT VERNON	LSD 39			X	46
USS WHIDBEY ISLAND	LSD 41			X	65
USS GERMANTOWN	LSD 42			X	65
USS FORT McHENRY	LSD 43			X	64
USS GUNSTON HALL	LSD 44			X	64
USS COMSTOCK	LSD 46			X	64
USS TORTUGA	LSD 46			X	64
USS RUSHMORE	LSD 47			X	64
USS ASHLAND	LSD 48			X	63.6
USS HARPERS FERRY	LSD 49			X	63.9
USS CARTER HALL	LSD 50			X	63.9
USS OAK HILL	LSD 51			X	63.9
USS PEARL HARBOR	LSD 52			X	63.9
USS FREDERICK	LST 1184			X	90
USS CAYUGA	LST 1186			X	89
USS SAN BERNARDINO	LST 1189			X	89
USS LA MOURE COUNTY	LST 1194			X	88
USS HARLAN COUNTY	LST 1196			X	89
USS BARNSTABLE COUNTY	LST 1197			X	88
USS AVENGER	MCM 1			X	63
USS DEFENDER	MCM 2			X	62
USS SENTRY	MCM 3			X	62
USS CHAMPION	MCM 4			X	64
USS GUARDIAN	MCM 5			X	63
USS DEVASTATOR	MCM 6			X	64
USS PATRIOT	MCM 7			X	64
USS SCOUT	MCM 8			X	64
USS PIONEER	MCM 9			X	64
USS WARRIOR	MCM 10			X	64
USS GLADIATOR	MCM 11			X	64
USS ARDENT	MCM 12			X	64
USS DEXTROUS	MCM 13			X	64
USS CHIEF	MCM 14			X	64
USS INCHON	MCS 12		X	X	11
USNS KILAUEA	T-AE 26			X	94.1

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EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 706.2, see the List of CFR

Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.