

Long tons
or pounds

OLD BATTLESHIP

ARIZONA BB33
NEW YORK BB34
NEVADA BB36
PENNSYLVANIA BB38
NAGATO

(I Medium steel
 R High Tensile steel
 O Corrosion Resisting St. 21,500) Ni, Cr, Mn, S, P, Si & C and carbon of
 N Misc. Alloy St Incl STS 0 tons) the steel are included below
 & CL. A & B Arm

			<u>Wt.</u>	
Aluminum	.23	416,000 lbs	27*	Fe 0.001 58
Magnesium	0.0054	6,240 lbs	26	
Copper	2.2	2,000,000 lbs	63	
Nickel	0.019	968,000 lbs	62	
Chromium	0.5	590,000 lbs	50	
Tungsten	11.1	620 lbs	186	
Molybdenum	0.09	23,626 lbs	98	
Vanadium		6,399 lbs		
Zinc	.054	147,000 lbs	68	
Lead	0.00014	117,245 lbs	208	
Tin	0.072	70,000 lbs	125	
Antimony	3.8	7,000 lbs	121	
Manganese	11.5	327,000 lbs	55	
Cadmium	.3	4,922 lbs	114	
Sulphur	0.0114	22,400 lbs	34	
Phosphorus	.23	22,400 lbs	31	
Silicon	0.0047	215,000 lbs	30	
Carbon	—	148,000 lbs		
Beryllium	—	6 lbs		
Cobalt	22.5	746 lbs	13	
Columbium	0.0099			
Titanium	0.0022*	5,445 lbs	56	
Bismuth	0.015		209	
Mercury	.75	486 lbs	202	

File in
Wet Test
Folder

BEST COPY AVAILABLE

REPOSITORY Los Alamos Nat Lab
 COLLECTION TR 5782
 No Operation Crossroads

OLD HEAVY CRUISER

PENSACOLA
SALT LAKE CITY
SAYAMA

CA 24
CA 25

Fe { Medium steel
H.T.S.
C.R.S.
Misc. Alloy St. Incl STS } 8,563) Ni, Cr, Mn, S, P, Si & C of the steel are
& CL "A & B" ~~from~~ tons) included below

Al	242,000 lbs
Mg	3,630 lbs
Cu	1,300,000 lbs
Ni	382,000 lbs
Cr	204,000 lbs
W	510 lbs
Mo	9,619 lbs
Va	2,605 lbs
Zn	50,000 lbs
Pb	68,672 lbs
Sn	45,500 lbs
S b	4,550 lbs
Mn	125,000 lbs
Ca	2,004 lbs
S	8,960 lbs
P	8,960 lbs
Si	88,000 lbs
C	58,200 lbs
Be	4 lbs
Co	711 lbs
Cb	
Ti	3,025 lbs
Bi	
Hg	386 lbs

CARRIER

SARATOGA CV3

Fe — [Medium Steel
H.T.S.
C.R.S. Incl. S.T.S. & 27,860 — Ni, Cr, Mn, S, P, Si & C
Misc. Alloy St. Cl. A&B Armor tons of the Steel are
Included Below.

Al 1,560,000 lbs.

Mg 23,400 "

Cu 2,800,000 "

Ni 1,140,000 "

Cr 902,000 "

W 700 "

Mo 21,428 "

Va 6,331 "

Zn 203,500 "

Pb 117,065 "

Sn 98,000 "

Sb 9,800 "

Mn 405,000 "

Cd 4,870 "

S 29,100 "

P 29,100 "

Si 278,000 "

C 193,000 "

Be 6 "

Co 703 "

Cb — "

Ti 5,445 "

Bi — "

Hg 521 "

LIGHT CARRIER

INDEPENDENCE CVL22

Fe	Medium Steel	9,280 tons	Ni, Cr, Mn, S, P, Si & C of the Steel are included below.
	H.T.S.		
	C.R.S.		
	Misc. Alloy St. & Cl. A&B Armor		
	Incl. S.T.S.		

Al	624,000 lbs.
Mg	9,360 "
Cu	1,300,000 "
Ni	446,000 "
Cr	222,000 "
W	495 "
Mo	9,706 "
Va	2,629 "
Zn	63,000 "
Pb	63,061 "
Sn	45,500 "
Sb	<u>4,550</u> "
Mn	134,000 "
Cd	2,022 "
S	8,960 "
P	8,960 "
Si	94,000 "
C	65,000 "
Be	4 "
Co	571 "
Cb	—
Ti	2,723 "
Bi	—
Hg	370 "

OLD DESTROYER

Sims Class
Gridley Class

DD 410, 411, 413, 419 have H.T.S. Hulls

Fe { Medium Steel
H.T.S.
C.R.S.
Misc. Alloy Steel }

1,014 } Ni, Cr, Mn, S, P, Si & C of the
tons } steel are included below

Al	152,000 lbs.
Mg	2,280 "
Cu	340,000 "
Ni	47,000 "
Cr	25,600 "
W	150 "
Mo	1,771 "
Va	480 "
Zn	22,000 "
Pb	14,165 "
Sn	13,000 "
Sb	1,320 "
Mn	17,920 "
Cd	369 "
S	1,120 "
P	1,120 "
Si	10,100 "
C	6,720 "
Be	2 "
Co	199 "
Cb	----
Ti	424 "
Bi	----
Hg	254 "

SUBMARINEPage One

Fe { Medium Steel
H.T.S.
C.R.S.
Misc. Alloy Steel }

1,136 tons

Ni, Cr, Mn, S, P, Si & C of the
steel are included below.

Al 15,600 lbs.

Mg 234 lbs.

Cu 300,000 lbs.

Ni 40,400 lbs.

Cr 23,000 lbs.

W 80 lbs.

Mo 1,310 lbs.

Va 355 lbs.

Zn 25,750 lbs.

Pb 431,298 lbs.

Sn 10,500 lbs.

Sb 1,050 lbs.

Mn 8,960 lbs.

Cd 273 lbs.

S 1,120 lbs.

P 1,120 lbs.

Si 10,100 lbs.

C 7,000 lbs.

Be 2 lbs.

Co 8 lbs.

Cb

Ti 484 lbs.

Bi

Hg 47 lbs.

ATTACK TROOP TRANSPORT

GILLIAM, APA 57 Class

Fe	{ Medium Steel H.T.S. S.T.S. Misc. Alloy Steels }	4,284 tons
Al		26,000 lbs.
Mg		390 lbs.
Cu		250,000 lbs.
Ni		54,300 lbs.
Cr		23,000 lbs.
W		390 lbs.
Mo		5,170 lbs.
Va		1,400 lbs.
Zn		20,000 lbs.
Pb		12,850 lbs.
Sn		8,750 lbs.
Sb		875 lbs.
Mn		58,200 lbs.
Cd		1,077 lbs.
S		4,480 lbs.
P		4,480 lbs.
Si		35,800 lbs.
C		29,100 lbs.
Be		.2 lbs.
Co		74 lbs.
Cb		
Tl		484 lbs.
Bi		
Hg		229 lbs.