

Long tons
or pounds

134

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	274
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	.254	147,000 lbs	68
Lead	0.00024	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 x	22,400 lbs	31
Silicon	0.0647	215,000 lbs	30
Carbon	—	148,000 lbs	
Beryllium	—	6 lbs	
Cobalt	22.5	746 lbs	13
Columbium	0.0099		
Titanium	0.0022x	5,445 lbs	58
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" ~~name~~ tone) 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
Cd	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

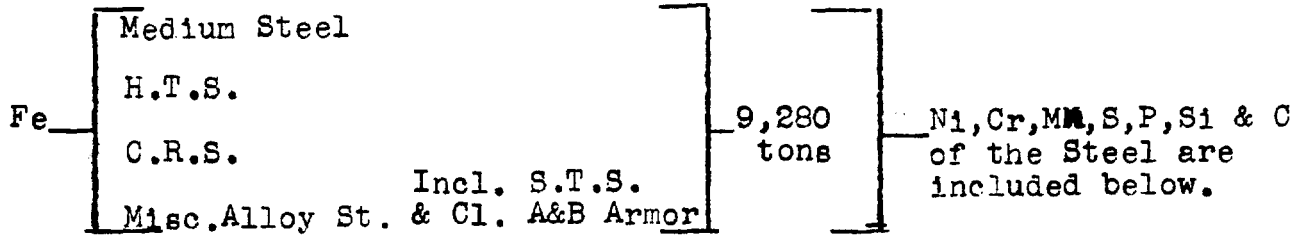
SARATOGA CV3

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	<u>9,800</u> "
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



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	4,320 "
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
	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.

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

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.