

Module 5: Leader of the Free World

Talk	Title	Time Period	Date of Talk
30	Isolationism interrupted	1939-1941	January 20th 
31	The European War	1941-1945	February 3rd 
32	The Pacific War	1941-1945	February 17th
33	America and the Post War World	1945-1949	March 3rd
34	USA during the 1950's	1949-1960	March 17th
35	The Cold War	1948-1960	March 31st
36	Camelot	1961-1963	April 7th

Talk 32 The Pacific War

- 
- ▶ Japan in the ascent (December 1941- April 1942)
 - ▶ US Response (1941-1942)
 - ▶ The Turning Point (1942)
 -Intermission
 - ▶ Leapfrogging campaign (1943-1944)
 - ▶ Pacific Endgame (1944-1945)
- 



Pacific versus European War

European War

Prevent Fascist domination of Europe

Primarily land war between vast armies

Rules of war in place by US, UK Germany)
(military targets, prisoners taken, gas not
used) ...ignored Eastern Front & holocaust

War of the tank

Pacific War

Future control of Pacific and far East

Naval war for US, land war China

Rules of war ignored (Indiscriminate
bombing (US), civilian massacres (Japan),
suicide, prisoner maltreatment

War of the Aircraft Carrier

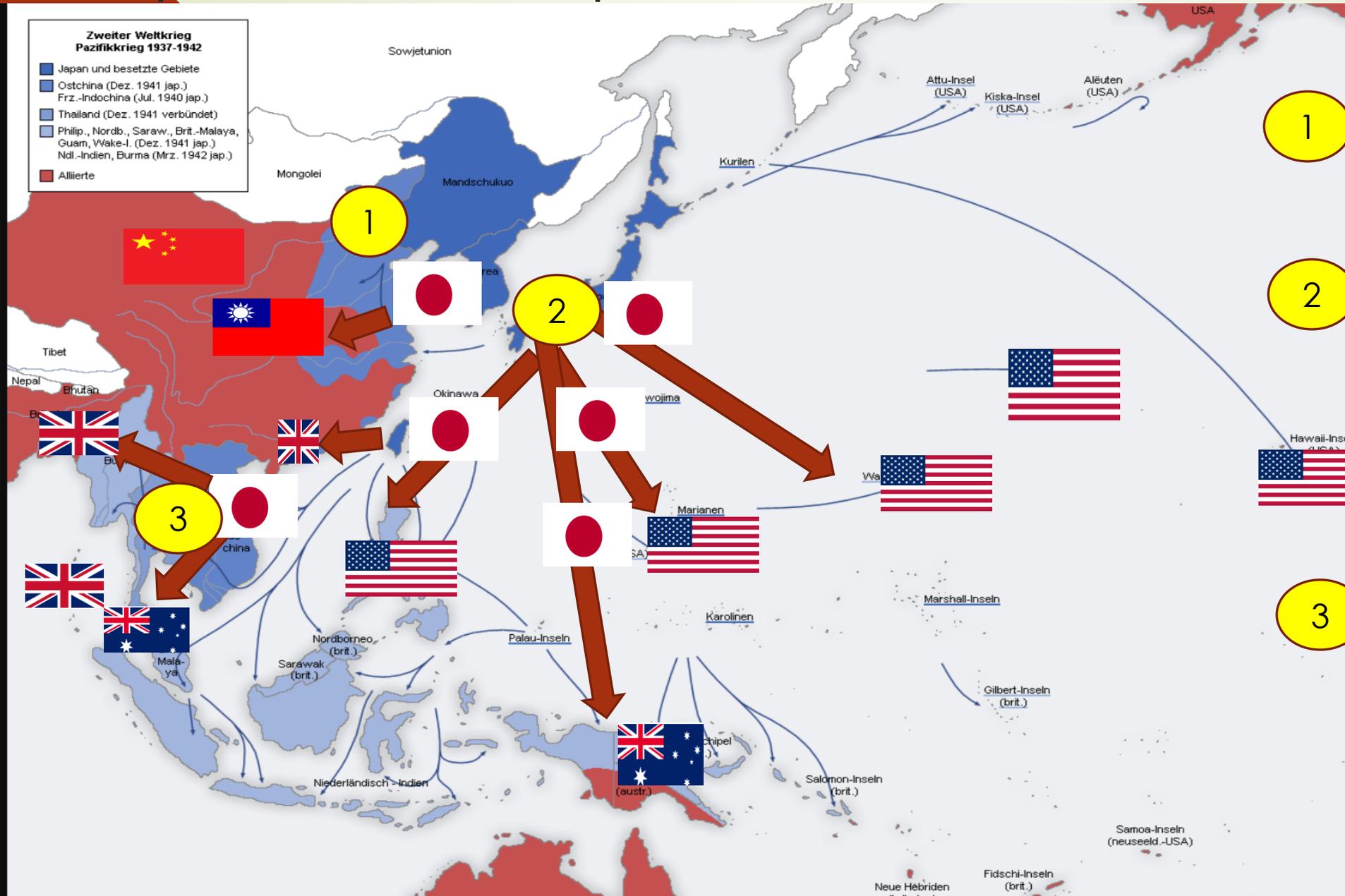


The Ascent of Japan

Japan after Pearl Harbour

- US Pacific Fleet neutralised
 - Battle fleet annihilated
 - US carrier fleet untouched
- Japanese naval and military superiority
- Goal: grab as much territory as possible and build fortress before US counter attack

Japanese Conquests December 1941-April 1942



1 Impasse in China
Japanese army of 1.5m
Control coast, North
KMT & CCP "allied"

2 Seize Hong Kong
US Guam. Wake
Philippines

3 Invade Malaya, Burma
Dutch East Indies

Philippines 1941-1942

- ▶ Spanish colony 1565- 1898, US invades 1898
- ▶ War of Independence 1899-1902---US “victorious”
- ▶ Autonomous civilian government 1920’s....US “military advisor”
- ▶ Independence commitment 1934---10 year transition
- ▶ Japanese invade December 1941

Douglas MacArthur (1880-1964)



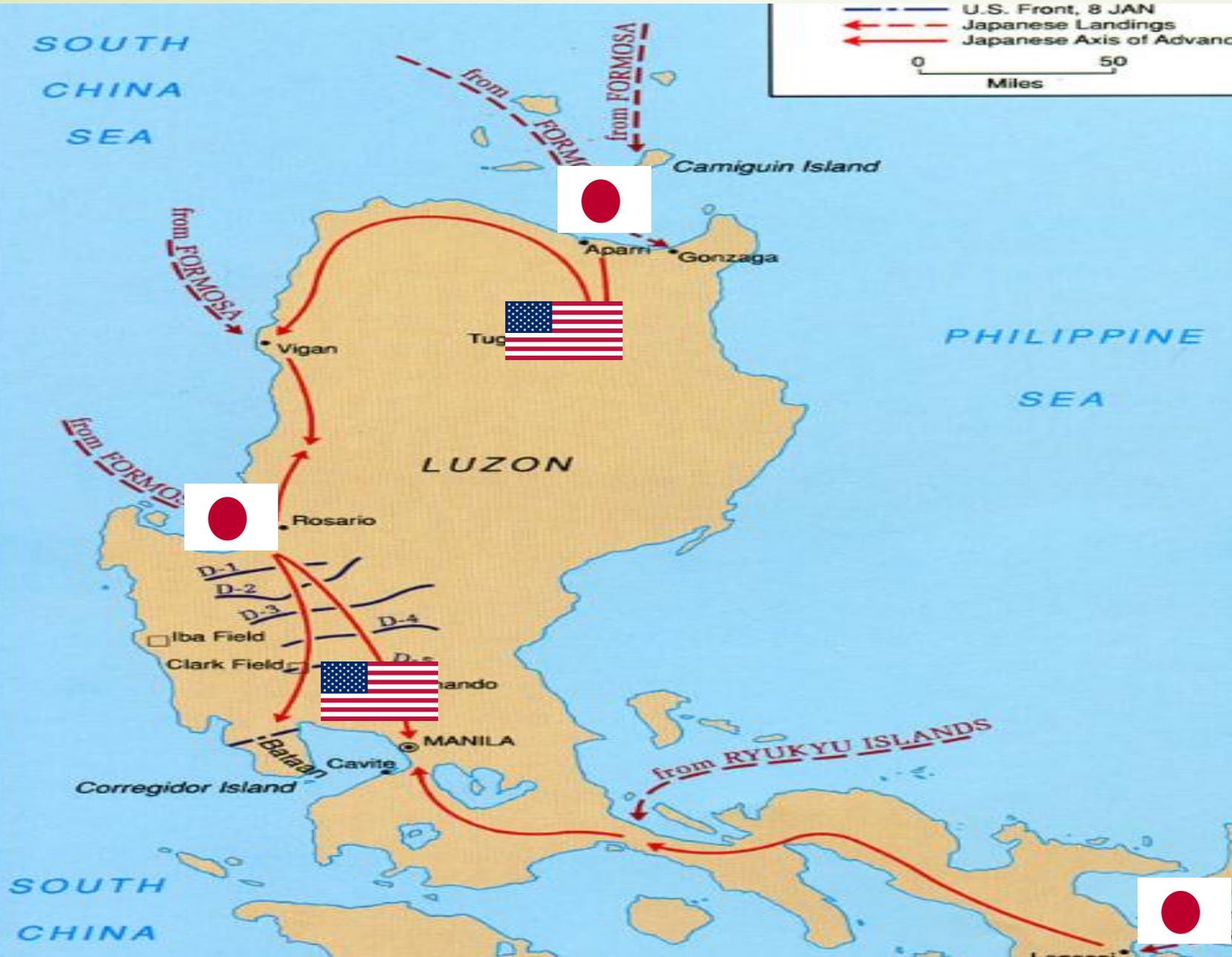
Military family

WW1 war hero
..Crush Bonus army

Military Advisor to
Philippine Government
20,000 US Marines
80,000 Philippine army

Sends air force out to
attack...prematurely
..return to refuel
...Japanese attack
& annihilate air force

Invasion of Philippines



Japanese surprise landing

US/Philippine army
Chased to Bataan
peninsular

MacArthur evacuated
To Australia "I shall return"

..US army of 12,000 +70,000
Filipinos surrender
... "Death March" to camps
..30% will die imprisoned

Japan at its zenith

- Capture Guam, Wake, US Pacific islands
- Indochina army of 70, 000 invades Malaya
 - British/ Australian/ Indian army of 140,000 untrained, ill equipped, arrogant
 - Route British Australians in Malaya ,15,000 British, 30,000 Australians, 40,000 Indians captured..."death march"...European population in camps
 - British army withdraws to Burma, chased to Indian border
- Destroy combined Dutch, US and Australian fleet at Battle of Java Sea
 - Occupy Dutch East Indies March 1942....secure OIL

Japanese victorious everywhereand seem invincible ...

US surrender at Bataan



US soldiers on “death march”



Invasion by bicycle



Securing oil fields Burma 1942



Japan April 1942- victory everywhere





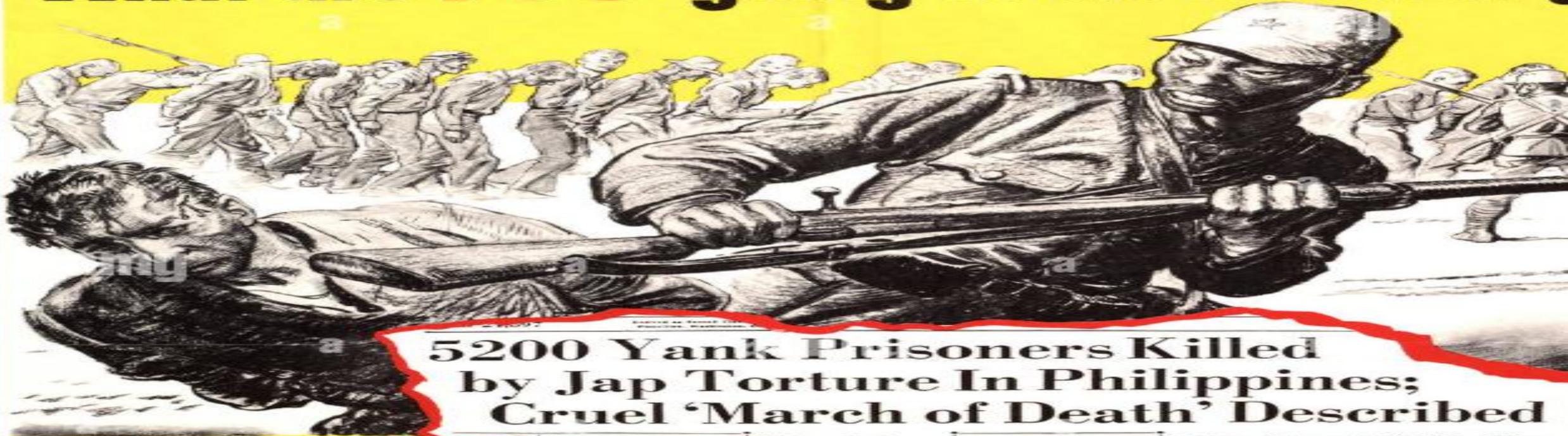
The US Response

War fever across USA

- National unity
- Decision to priorities war with Germany kept secret
- Recruitment surges for war vs Japan, draft needed for European war
- Build, Build Build....ships, planes,tanks,trucks
- Public demand retaliation vs Japan...and Japanese (including those living in USA)

Public enraged by attack and "Death March"

What are **YOU** going to do about it?



5200 Yank Prisoners Killed
by Jap Torture In Philippines;
Cruel 'March of Death' Described

Soviets Near

Heavy Action

Rises in Fury

Crack Unit

RAF Hurls

New Blows

at Europe

Other Thousands of Victims Were

Filipinos; Captives Were Starved,

Beaten, Bayoneted, Shot and Even

Beheaded, Army and Navy Report

STAY ON THE JOB UNTIL EVERY

MURDERING JAP

IS WIPED OUT!



U. S. ARMY OFFICIAL POSTER

Rage ...becomes racism

sept 1942

THE JAPANESE

THEIR GOD-EMPEROR MEDIEVALISM MUST BE DESTROYED

A PROFOUND miscalculation is responsible for the critical situation in which we American people find ourselves. The two-ocean war has become a reality three or four years ahead of the two-ocean navy, and in a way startling to our preconceptions. The enemy to the east, Germany, has never presented such a mystery; we had come to know a great deal about German leaders, politics, resources, and institutions. And yet while we felt subconsciously that we would almost certainly collide again with the German people, we refused to the end to accept that war was inevitable. With respect to the Japanese, nearly half again as far removed from our shores, all this was reversed. Americans as a whole resolved to learn little about them, and that little was a scolded and almost implausible fairy tale. Nevertheless, the American public—and, to a certain extent, the navy—for years have considered the Jap one potential enemy who could have a fight any time he was insane enough to ask for it.

Since the acquisition of the Philippines, four decades ago, the Pacific has gradually come to be regarded as the American ocean. The bulk of the fleet was transferred there in 1919, and twelve years later, when the Japanese moved into Manchuria, the balance, except for minor units, was concentrated in that ocean. Close to the principle of bloody dilutionism, the public

thought the Japanese could be wiped off the sea with a few lightning blows . . . We know him better now.

The Honorable Enemy has shown himself to be much more complicated than our casual impressions had pictured him—a bowing, arniking, bespectacled, lanky-legged little man who leaves his shoes on the porch and wears his hat in the temple, who has a passion for arranging flowers and constructing thirty-one-syllable poems, who never treated anything important of his own, but copied everything he saw, complete with lanky fuel lines and broken glass, who couldn't shoot or fly straight and whose flimsy warships were all top-heavy, underarmored, and underpowered. And now that the "inevitable" Pacific war has finally come, it is altogether different from the one we expected. Years ago, when Mr. Heese screamed against the Yellow Peril, the evil vision was of the Yellow Tide of all Asia sweeping over the Western world. Instead, the lines run every which way. Yellow men are fighting with us against millions of other yellow men; other white men are ranged with yellow men against us.

From a war of nations the war has become one of hemispheres, civilizations, and religions. We must be prepared to fight everywhere and anywhere—on the holy and dangerous terrain of philosophy and ethics, no less than on the conventional battlegrounds of choice.

THE HONORABLE ENEMY SELDOM IS

All the Japanese may not always look like this, but imagine them in all times a serpent in the cartoonist's hands. Government knows the Japanese, and thus sees the face of the enemy as he comes—the snaky soldier, capitalist, and commercial man, the tight-lipped officers, the fanatical priest, the doll-like geisha, the submissive peasant and his wife who breed the soldiers who fill up the army that really runs Japan and the God Emperor.



Japanese as killers: “others”

**THIS
IS THE
ENEMY**



Balance of power after Pearl Harbour

The Pacific Fleets January 1942

	US Pacific Fleet	Imperial Japan
Aircraft Carriers large	4	6
Aircraft carriers small	0	4
Battleships	3	10
Cruisers	22	38
Carrier aircraft	400	600

British fleet removed to Indian Ocean, Dutch fleet sunk

Balance will shift to US.....and soon

Warships under construction...available 1943

	USA	Japan
Aircraft carriers (large)	12	3
Air craft carriers (small)	20	2
Battleships	6 (plus 4 being salvaged)	3

Pilots as important as ships: US adopt industrialised approach: 12,000
“carrier qualified trained pilots end 1942, Japan 1,500

Japan has less than one year to gain overwhelming victory

Japanese in USA 1941

Japanese in the USA

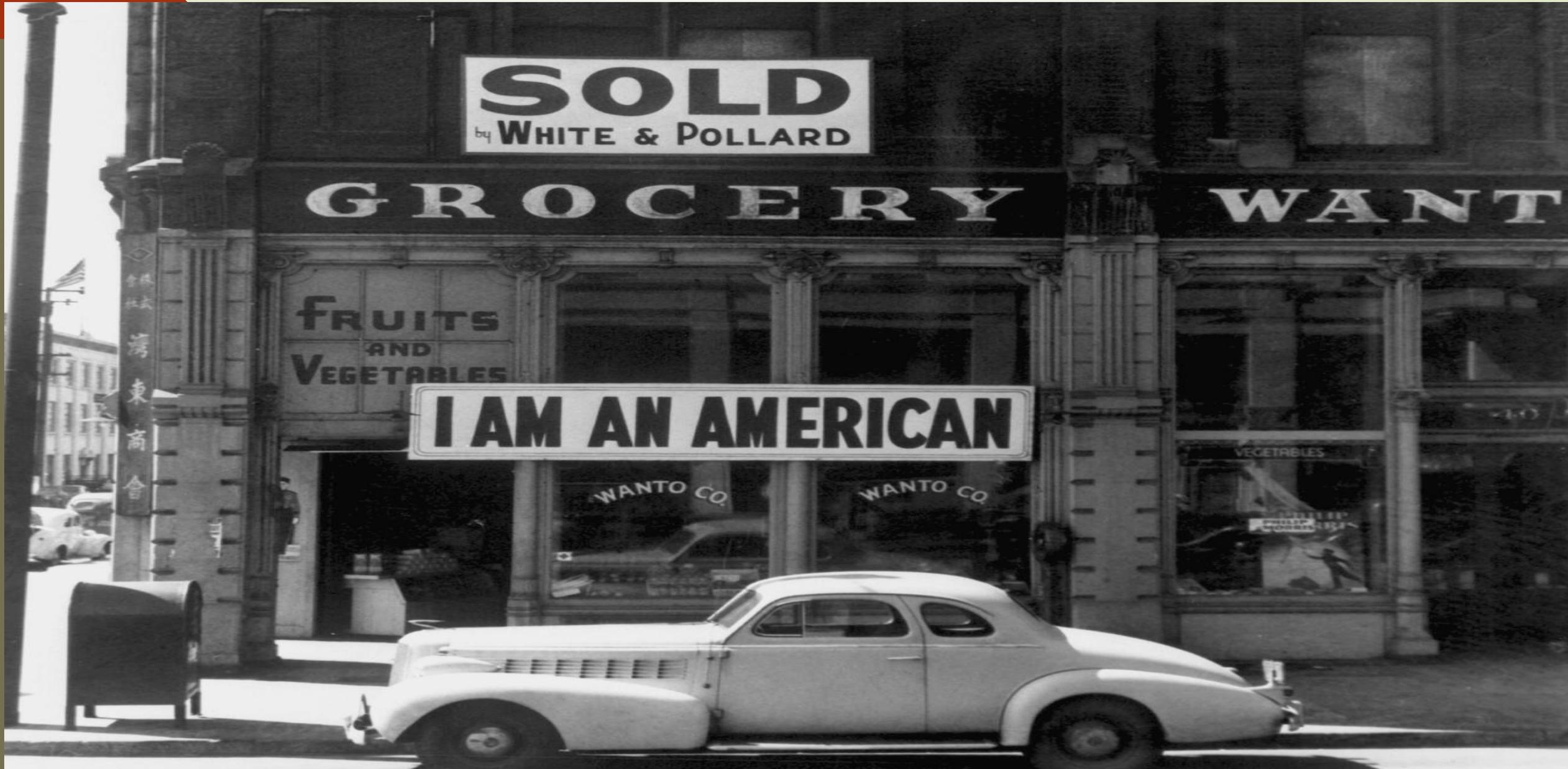
- Immigration from 1868...sugar plantations Hawaii,
- California 1882 after Chinese Exclusion Act 1882....replacement Chinese
- 20,000 immigrants to USA by 1900....perils of success: threat to white farmers
- Gentleman's Agreement 1907: skilled, students, spouses only
- 1924 Immigration Quota ...immigration reduced to 2,000 per year

- 250,000 Japanese Americans at time of Pearl Harbour
 - 90% US citizens, most 3rd generation...lack of immigration
 - Mostly middle income/ business owners
 - Mostly on west coast
 - 100,000 in mainland...90% California
 - 150,000 Hawaii...33% population

Executive Order 9066 February 1942

- Blanket order to locate all **mainland** Japanese to Internment camps
 - Families relocated to “instant cities” desert/ wilderness
 - Abandon businesses/ Allowed to take what could be carried
 - Hawaii exempted since 33% of population
 - No evidence of collusion with Japan among mainland Japanese Americans
- Life at camps
 - Armed guards but life Industrious, educational,
 - 30% “Nisei” allowed to join military 1943
 - Compensation at end of war (10% of losses) , \$20,000 payment 1980

No resistance, indignation, shock



Carry what you can



Dispersed in 10 “instant cities” ...till 1945 schools
.....normal life, but cannot leave

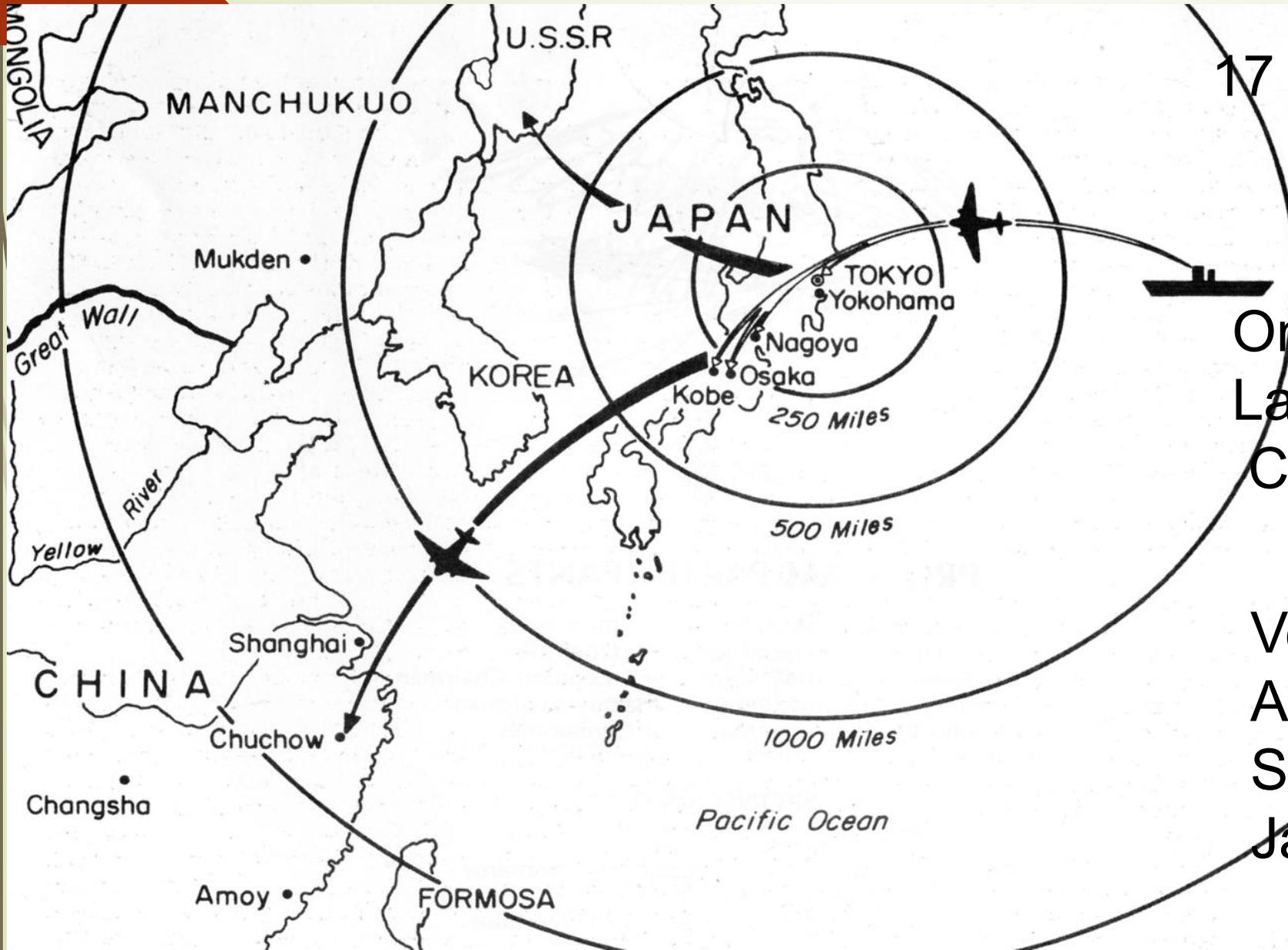


The need to do something....NOW

- US public outrage must be fed to keep war momentum
- FDR/ Administration dilemma:
 - Prioritise war with Germany
 - Fleet devastated at Pearl Harbour
 - Carriers intact....but vulnerable, light aircraft

Solution: symbolic morale boosting bombing raid on Tokyo
...adapting bombers to take off from aircraft carriers
...bomb Tokyo, land in KMT controlled China

Doolittle Raid April 1942



17 bombers on 2 carriers

One way mission...cannot
Land...plan to fly on to
Chinese controlled aircraft

Volunteer crews led by
American hero (former
Stunt pilot, pioneer
James Doolittle

Mitchell bombers stacked on USS Hornet ...bound for Japan



.....The briefing



The Raid and its impact

The Raid

- Carrier fleet detected by Japanese warship 100 miles from take off point
 - US sinks warship...does not know if it has signalled (it did not).. decide to go ahead with raid
 - Minimal damage, 50 civilians killed, Crew bail out China, 4 killed, 8 captured (4 recaptured by Chinese)
-
- Outcome
 - USA euphoric
 - Japanese in shock
 - Execute 3 captured pilots
 - Undertake terror campaign in area of China where pilots rescued
 - Biological weapons unit spread pathogens, anthrax in area....estimated 250,000 civilian deaths

"You can't keep Dazzle-Dish away from Kett's off again in another adventure. You'll want to find it every day on the Minneapolis Tribune comic page."

JAMES EARL RAYSON SOCIETY



WARMER
S. Weather Bureau Forecast
Warmer, scattered showers west and south Saturday.

TEMPERATURES FRIDAY

Minneapolis	47	19
St. Paul	46	18
Chicago	45	17
St. Louis	44	16
Indianapolis	43	15
Cincinnati	42	14
Cleveland	41	13
Pittsburgh	40	12
Philadelphia	39	11
Baltimore	38	10
Washington	37	9
New York	36	8
Boston	35	7
San Francisco	55	50
Los Angeles	60	55
Honolulu	75	70
Albany	48	28
Syracuse	47	27
Buffalo	46	26
Rochester	45	25
Portland	44	24
Seattle	43	23
Denver	42	22
Phoenix	41	21
San Diego	40	20
San Antonio	39	19
Austin	38	18
Fort Worth	37	17
Dallas	36	16
Memphis	35	15
Nashville	34	14
Knoxville	33	13
Richmond	32	12
Chattanooga	31	11
Atlanta	30	10
Savannah	29	9
Mobile	28	8
Birmingham	27	7
Montgomery	26	6
Jackson	25	5
Little Rock	24	4
Shreveport	23	3
Fort Smith	22	2
Springfield	21	1
St. Louis	20	0
St. Paul	19	-1
Minneapolis	18	-2

TOKYO BOMBED, JAPS SAY: ADMIT DAMAGE IS HEAVY

U. S.-French War Feared to Be Near

Gift of Fleet to Germany Predicted — America Refuses to Deal With Laval

By RICHARD WILSON
Chief of United States Bureau
WASHINGTON—War with Hitler-Laval France Friday hung like a threatening cloud over a series of explosive events in our relations with Vichy.

The United States and Great Britain may soon find themselves pitted against the combined French, Italian and German fleet in the unending Axis effort to command its every facility for victory this year.

FINAL BREAK FEARED

The United States will not deal with Pierre Laval, and Hitler is not thought likely to be disturbed by that. The final act of war is regarded, therefore, and it is not thought the American admiral's 50th day of Vichy's notice on the side of the French fleet.

Official Washington regards Laval as Hitler's man, who will be

What Is Tokyo? Heart of Nation of 96 Million People Who Hope to Rule the World

PREPARED BY TRIBUNE'S WAR DESK

Tokyo is more than just a tinder-box capital of Japan. It is the heart, the soul and the brain of an empire of 97,000,000 people who believe they are destined to rule the world.

It is the world's third largest city, with its 7,000,000 people living in 254 square miles, an area equal to that of Chicago. But for its millions, western civilization has only brushed them in a casual way.

STILL TINDER-BOX MATERIAL

Tokyo in all practical purposes is a city which rose from the death and destruction of the great earthquake and fire of 1923 in which over 150,000 people perished.

Half the city was destroyed and the remainder so damaged as to be almost uninhabited.

But the reconstruction, except for the laying of street car tracks, electrifying the interurban cars, paving the streets, and erecting government buildings in a style that gave an odd oriental cast to Greek architecture, was of tinder-box material.

STREETS NARROW, WINDING

In the heart of the city are such standard monuments as the Imperial grounds, within a semi-enclosed park, a few large modernistic government stores on the main thoroughfare of Tokyo, the famed Imperial hotel, designed by America's Frank Lloyd Wright to withstand the earthquake and a red-bricked ancient looking railroad station.

Radio Tells of Casualties to Civilians

No Hint Given as to Where Bombers Came From—Washington Keeps Silent

By WM. SMITH WHITE
Associated Press War Editor

The long-awaited bombing of Tokyo, the first installment of repayment for Pearl Harbor and the start of offensive warfare directly against the heart of imperial Japan, apparently got underway at noon Saturday. The Tokyo radio announced that enemy planes had raided the city for the first time.

There was no immediate confirmation from the United States war and navy departments in Washington.

The Tokyo short-wave carried the indignant denunciation of the Japanese agency that schools and hospitals were damaged, although the casualties were not yet known.

SUGGEST EARLIER FORAYS

"Invading planes failed to cause

TOKYO: FULL PAGE OF PICTURES ON PAGE 8



Captured pilot...to be executed



Escalation breed escalation....defines
tone and shape of Pacific War

**JAPS EXECUTE
DOOLITTLE MEN**

Wreck of Doolittle's Plane in China

Some Fliers



**WE'LL PAY YOU BACK
TO JOJO**

gettyimages
Credit: Bettmann

if it takes our last dime!

BUY MORE WAR BONDS



Major outcome: Japanese resolve to
seek out and destroy rest of US fleet
...capture island of Midway as air base



The Turning Point

Weapons and Technology: Japanese

Mitsubishi Zero fighter

Deployed 1939



2 machine guns
2 cannons
Speed 310 mph

More advanced
than US/ UK 1940-1942
...highly manoeuvrable

Vulnerable to fire
Highly skilled pilot could
Beat US in dogfight

Upgraded during war
....but at scale and pace
of US

US Carrier Aircraft

Grumman "Hellcat" V 6 ..1943 version

First version "Wildcat"
V5 deployed
940....outclassed by
Zero. Speed 290 mph

Hellcats mass produced 194
Speed up to 390 mph
..6 m/c guns/2 cannon

Ability to withstand damage
....wins by diving down on
Zeros
...required less skilled pilot



Other Technology

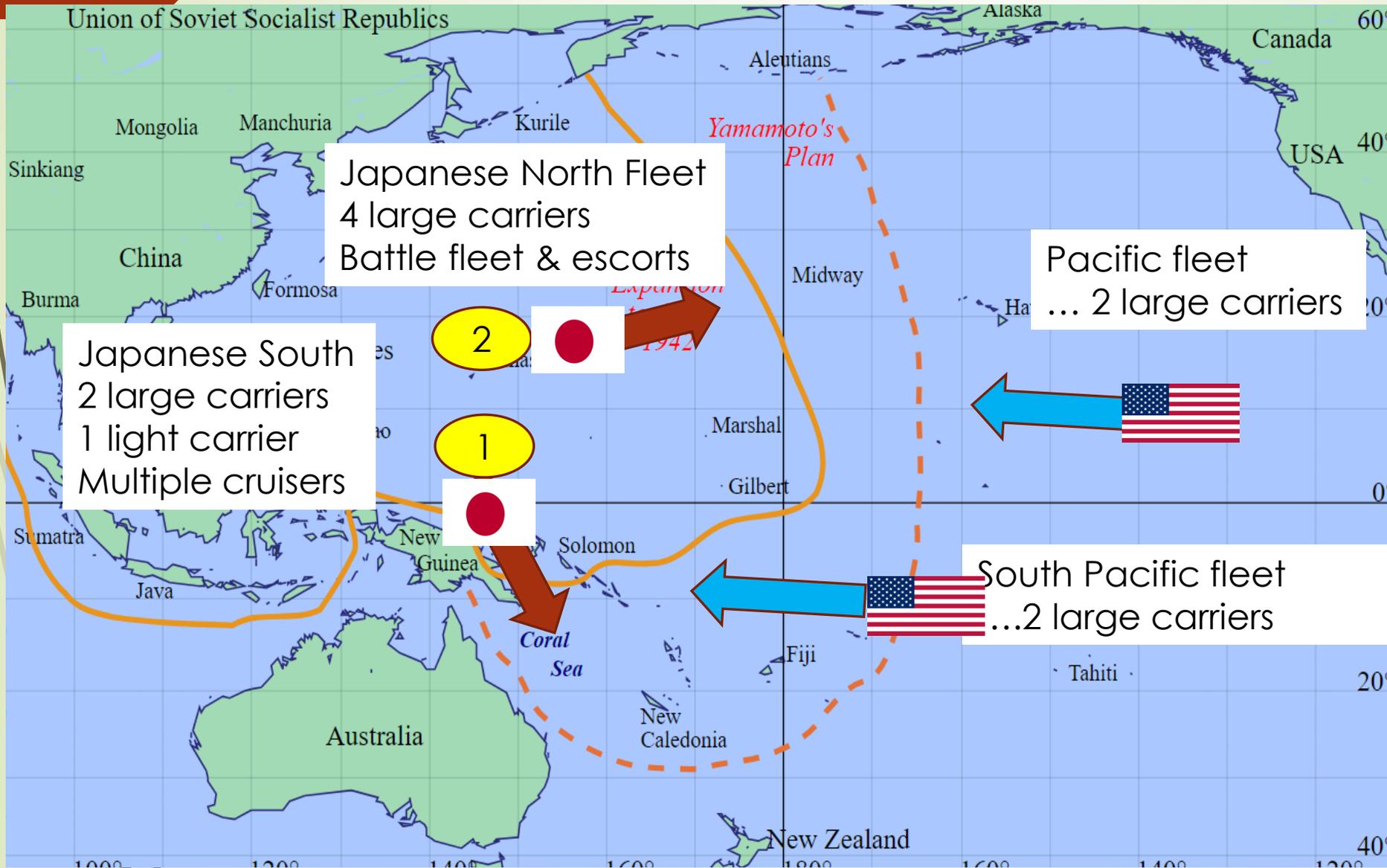
➤ Radar

- US 5 years ahead of Japanese
- Use improves as UK and US ally due to “Lend Lease”
- 1942– US able to detect ships. Planes within 100 miles...range increases
- Japanese achieve same goal...1944...but fleet already destroyed

➤ Code Breaking

- Japanese do not break US codes....fighting blind
- US/ UK break Japanese military code 1940 (not diplomatic code...no Pearl Harbour)
- US Aware of Japanese fleet movements...Japanese no equivalent

Japanese campaign 1942



1

April Southern fleet
...support occupation
of New Guinea
...prepare invasion
Of Australia

2

June...revenge for
Doolittle raid
...destroy US Carriers,
...capture Midway
...land air base to
invade Hawaii

US/ UK read Japanese
code, send fleets to
intercept

Battle of the Coral Sea May 4- 8th 1942

USS Lexington...last moments



First carrier to carrier battle
Japanese 2 large, 1 light
carrier..both sides 200 aircraft

US sink 1 light Japanese
Carrier...damage both
Large carriers...lose 70 planes

Japanese sink 1 large
US carrier ...lose 70 planes
...and withdraw

US surviving carrier
Yorktown ..to Hawaii for
repairs..Joins US North
Pacific fleet

Main event in North
Pacific imminent

Battle of Midway June 4th -7th 1942

- ▶ Japanese fleet larger but dispersed, unaware US fleet present
 - ▶ 4 large carriers, 2 battleships, 3 cruisers, 12 destroyers
 - ▶ 250 aircraft
 - ▶ Escort fleet of 2 light carriers + five battleships can't keep up...not used
- ▶ US Fleet smaller, concentrated, supported by land based planes, know Japanese coming
 - ▶ 3 large carriers, 10 cruisers, 15 destroyer
 - ▶ 230 carrier aircraft + 130 land based ..Midway island

Japanese launch bombing attack on Midway....then detect US fleet
.....recall aircraft to carriers to rearm with anti ship weapons
....US dive bombers detect Japanese fleet ...aircraft on deck

Sitting Ducks....10 minutes that changed the war

3 large Japanese carriers sunk in 10 minutes



Japanese from last carrier counter-attack...sink US carrier Yorktown



US 2nd attack..sinks last Japanese Carrier ...then attack support ships

Japanese Cruiser about to Sink



US lose 1 large carrier
1 destroyer, 300 lives
150 aircraft

Japanese lose 4 large
Carriers, 1 cruiser
3,000 lives, 250 aircraft

Japanese losses
Irreplaceable

US 12 large carriers
In preparation plus
10,000 new pilots
...and better aircraft



Japanese dominance ended

US on its way, intention total destruction of Japan



Intermission

Japan versus USA August 1942

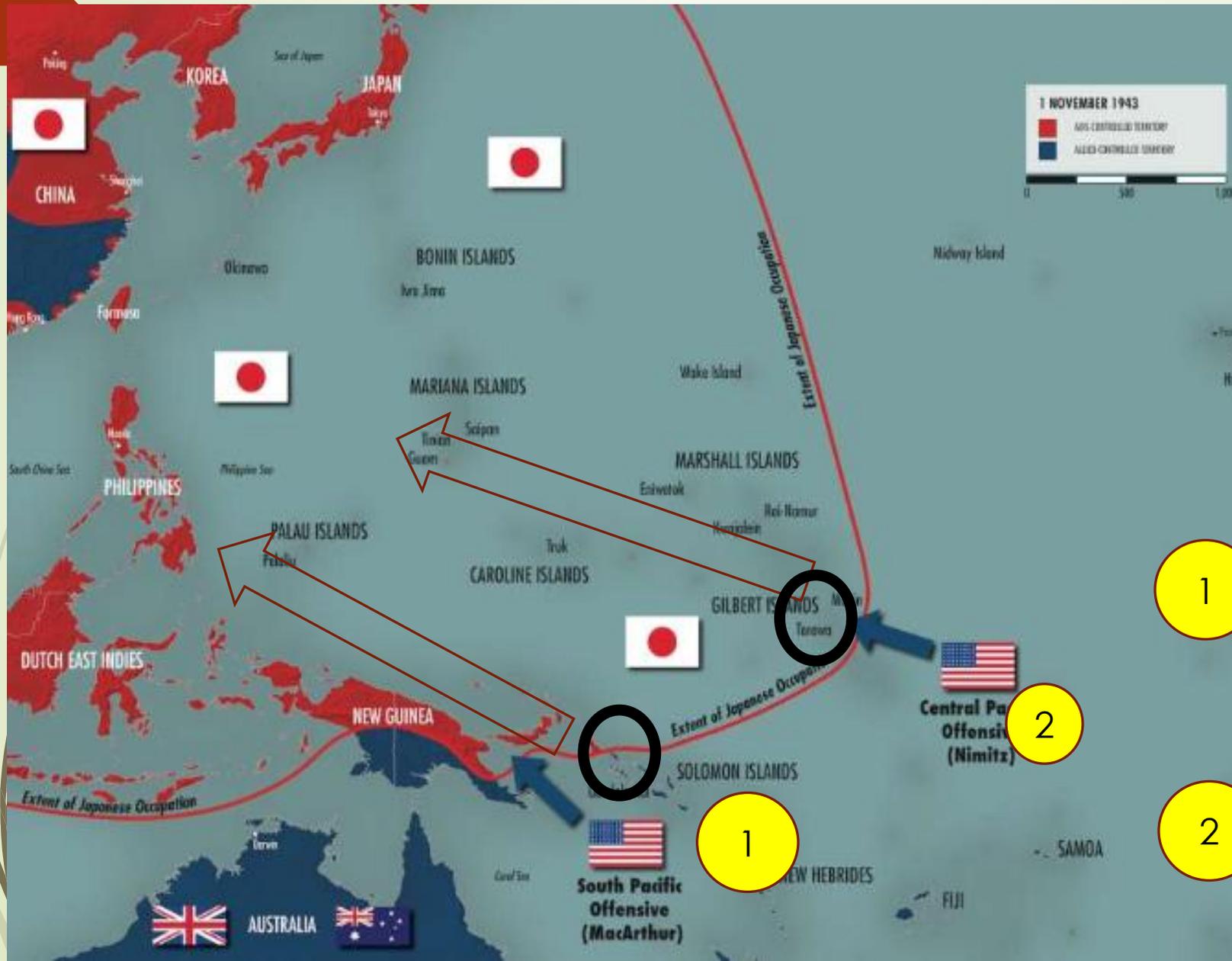
Japanese: Ring of fortresses (Yamamoto)

- Aware US reinforcements coming, US will not accept high losses
- Japan to stop all offensive operations
- Deploys 400,000 soldiers in ring of island fortresses...and wait

➤ USA approach: Leapfrogging strategy (MacArthur)

- Priority Germany and North Africa campaign
- Attack strategic islands only/ isolate garrisons
- Fight way to Philippines ("I shall return")..10 new carriers and arrive
- Concentrate forces and use overwhelming force

Pacific War Theatre August 1942



Japanese advantage ending
4 carriers, 10 battleships, 40
cruisers, 400 planes
..3 carriers completing
readiness

US 4 carriers, 7 battleships,
. 20 cruisers, 500 planes
...6 carriers completing
readiness

South Pacific

Guadalcanal first target

...Japanese garrison of 5,000

....supported by battleships

August 7th 1942

Central Pacific

...Japanese garrison

Tarawa second target

..November 1942

South Pacific Islands (1)



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Credit: All Copyrights - Urvish Joshi
Photography

South Pacific Islands (2)



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Credit: Design Pics Editorial

Guadacanal: 2,000 square miles, mountains, rivers, swamps, dense jungle...and bugs



Guadalcanal August 1942 – February 1943

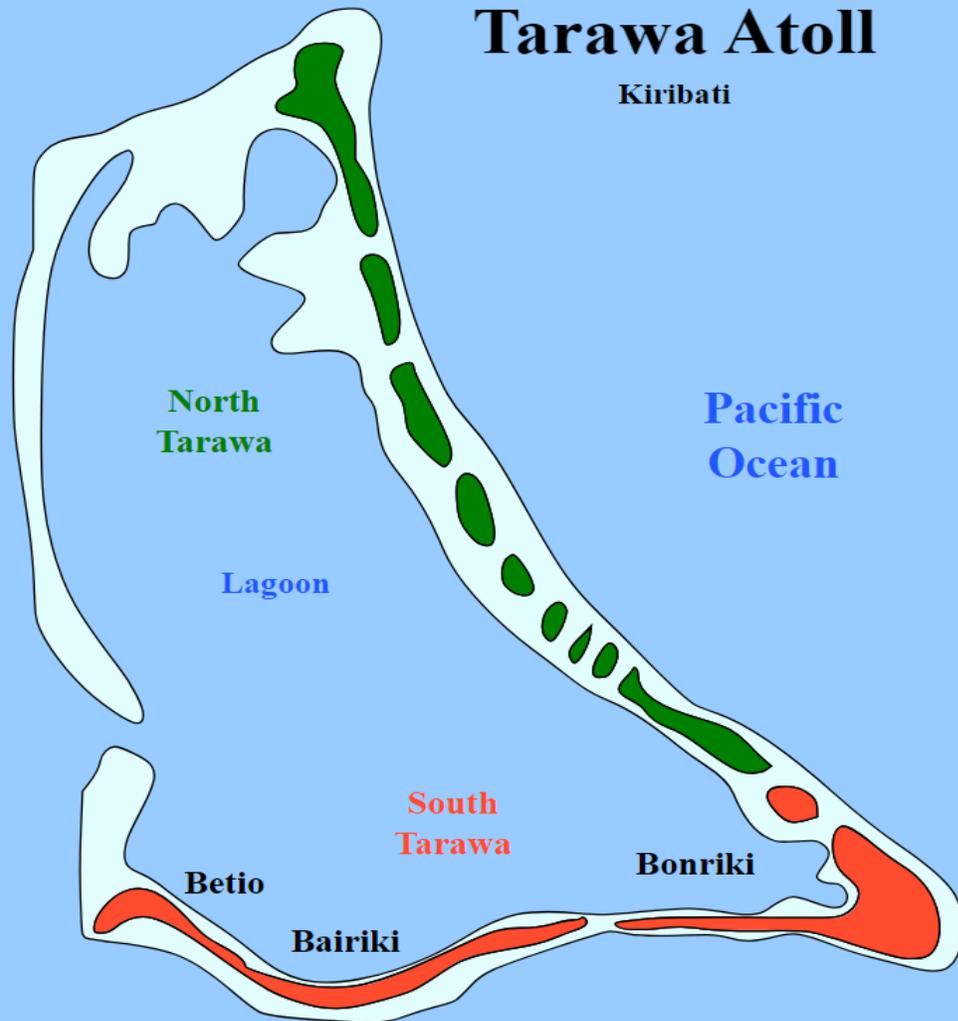
10,000 US marines land to take island.....light resistance

- Japanese counter attack....amphibious landings, naval assault
- Attritional warfare for 7 months
 - US army of 60,000 lose 7,000 killed, 8,000 wounded, 2 carriers, 8 cruisers, 600 aircraft
 - Japanese army of 30,000. lose 20,000 killed, & 10,000 evacuated, only 1,000 prisoners. Lose 2 battleships, 1 carrier, 4 cruisers, 600 aircraft

US can replace losses.....4 new carriers, 5,000+ trained pilots Feb 1943
Japanese cannot....2 new carriers Japanese & 500 'untrained' pilots

Battle of Tarawa ...November 1942

12 square mile atoll



- Defended by 2,000 Japanese soldiers + 2,000 construction workers (Korean)
- US task force: 30,000 marines
3 battleships, 5 light carriers
- 4 day battle...US "victory"
- US – 2,000 deaths, 2,000 wounded
- 4,000 Japanese & Koreans killed (Koreans killed by bombardment..and Japanese...only 17 prisoners)
- US ...lessons learned, greater use of technology
- ...intensify bombardments, air support

Campaign continues 1943-44



Landings usually unopposeddue to bombardments
...islands fall to overwhelming US forces



Tarawa beach landings...aftermath



gettyimages®
Credit: Photo 12



gettyimages®
Credit: Frederic Lewis

Japanese fight to last man

....intense fighting ending with banzai charges and mass suicide



Battle of the Philippine Sea June 19/20 1944

....US domination of sea and air...technology& training



Island campaign culminates
....Japanese counterattack

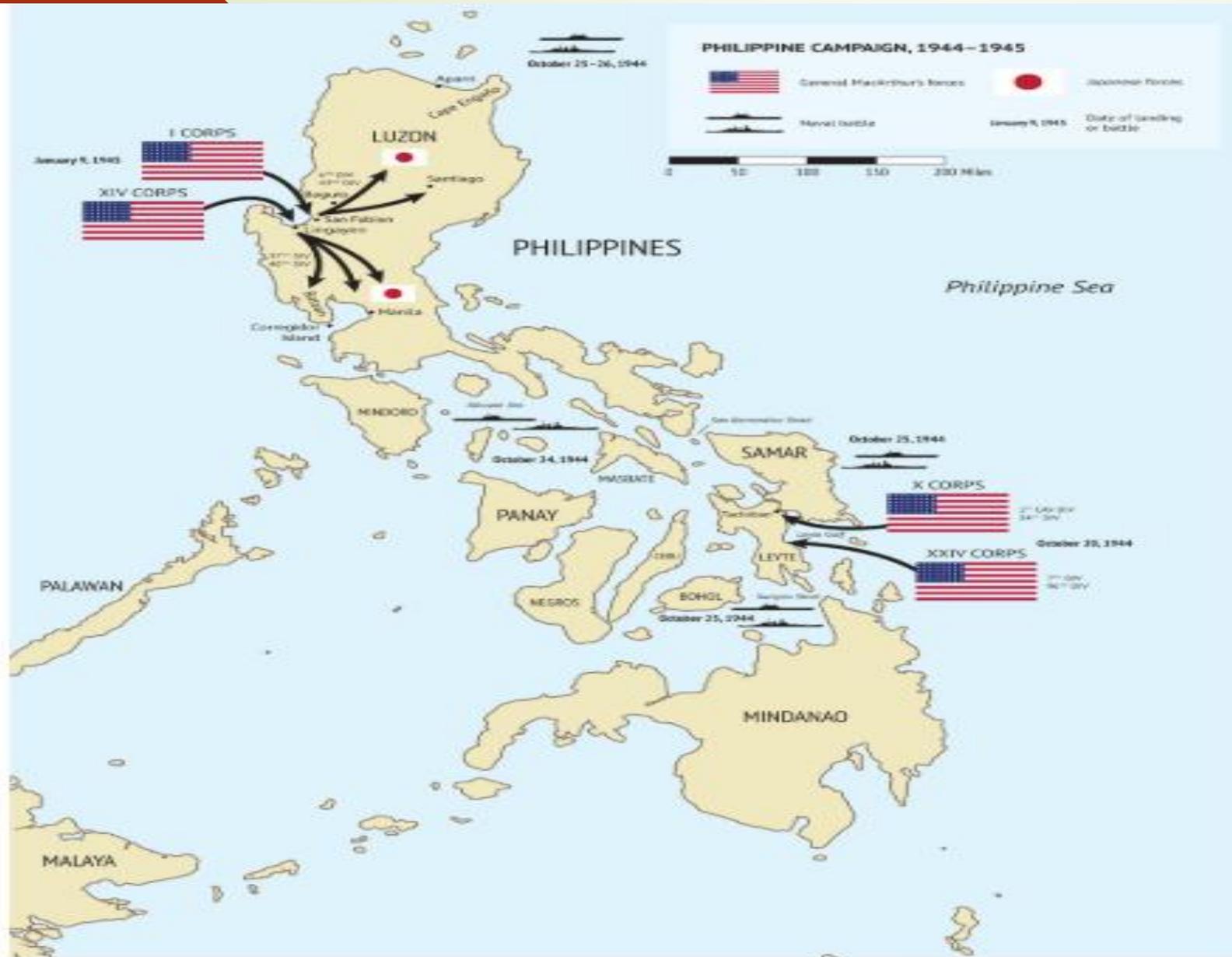
US fleet: 7 large 7 small
Carriers, 7 battleships 900
aircraft

Japanese, 3 large, 4 small
Carriers, 5 battleships, 700
Aircraft...untrained pilots

Overwhelming US victory
Lose 120 planes but sink 2
Carriers, destroy 500 planes

`No obstacle to Philippines

Philippines campaign 1944-1945



US assemble armada
8 large , 27 small carriers
12 battleships,300 ships
+ 1,500 planes

Land 1.2 million soldiers
Support from 200,000 Filipinos

Japanese army of 500,000
Unable to prevent invasion

Macarthur returns (most restaged photo in US history)...this shot too deep...looks ridiculous



McArthur landing: 2nd shot...just right



US landing on Philippines (Leyte peninsular)



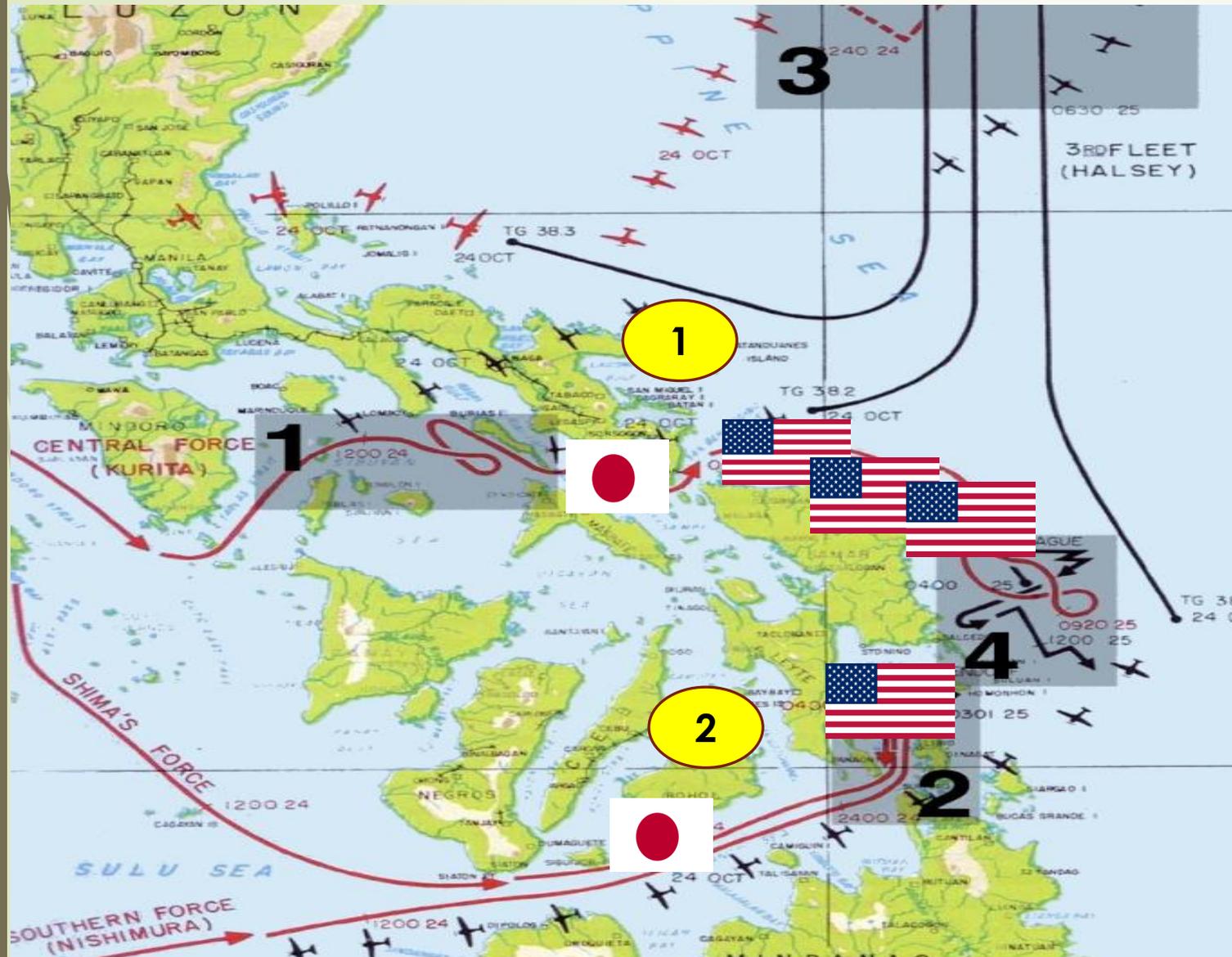
US army mass tank support.. "mechanised" attack
progress...overwhelming artillery, air support



Japanese response to loss of Philippines

- Existential threat to Japan
- Order remains of navy on suicide attack
 - 1 large + 5 light carriers + 7 battleships....67 ships (vs 300 US)
- The idea
 - Lure main US fleet to destroy Japanese carrier fleet
 - Sneak attack by battleships to annihilate US landing craft

Battle of Leyte Gulf



1

Plan “works”...US detect & attack Japanese decoy fleet
...remove escorts from carrier
And landing fleet

2

Japanese battle fleet and Southern Force approaches undetected

....It appeared Japan About to have its own “10 minutes”...only screen of 8 destroyers defend carriers Vs battleships & cruisers

Japanese battleships firing at US carrierscarriers race to launch planes before getting sunk



Launching aircraft while under attack



2 US escort carrier sunk by battleships

...8 US destroyers made headlong torpedo attack

...create mayhem...sink Japanese cruiser. Japanese panic/ withdraw

....battle fleet virtually wiped out as planes from main US carrier aircraft arrive



Battle of Leyte Gulf Aftermath

- ▶ Japanese Navy destroyed
 - ▶ 4 carriers, 3 battleships, 10 cruisers, 9 destroyers sunk..300 planes
 - ▶ US losses 3 carriers, 3 destroyers 250 planes
 - ▶ 4 carriers, 3 battleships, 10 cruisers, 9 destroyers sunk..300 planes
 - ▶ US losses: 3 carriers, 3 destroyers and 250 planes
- ▶ The way to invade Japan is open/ bombing campaign begins

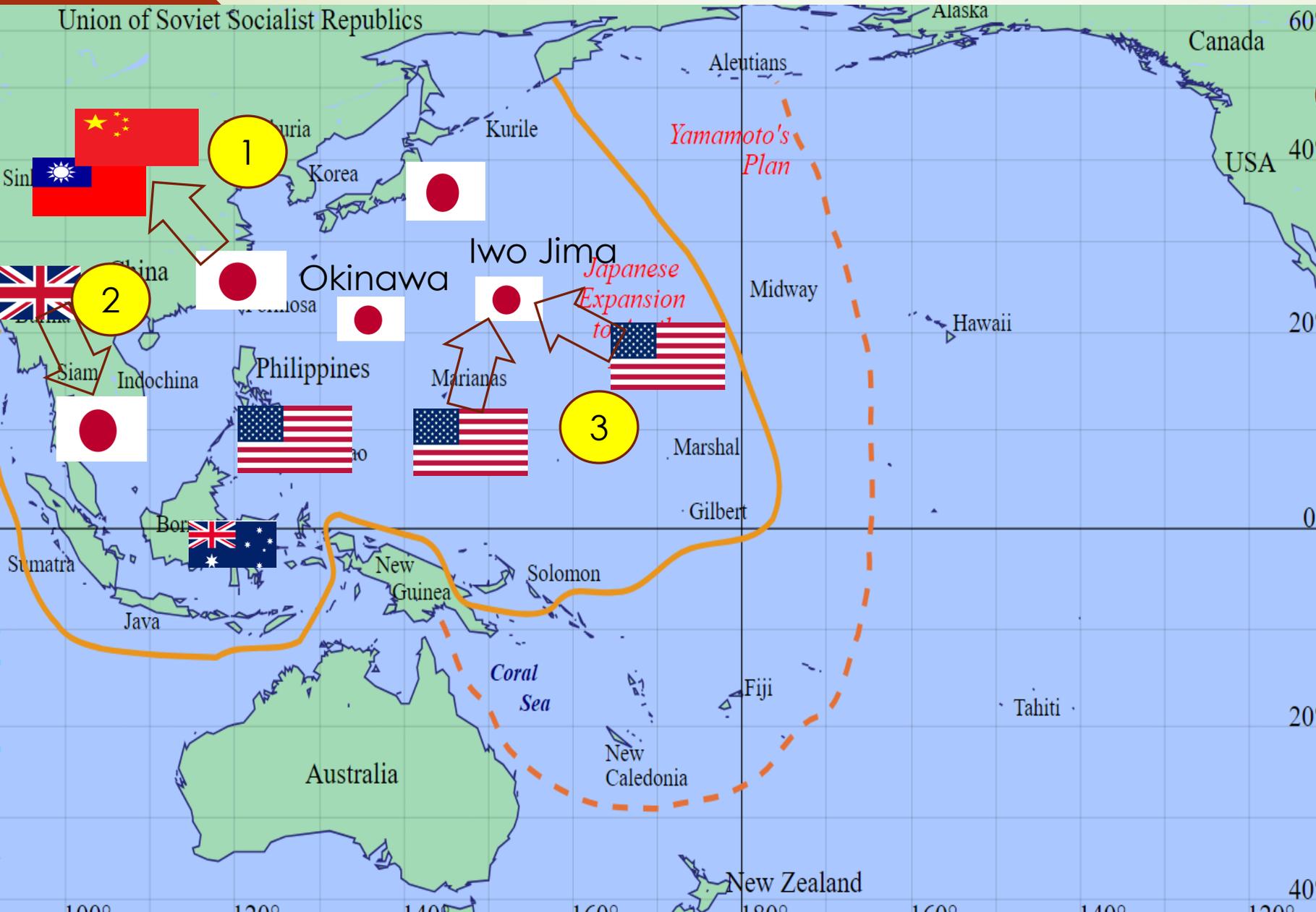
The only solution for Japan
Kamikaze (suicide bombers) and “secret weapons”



Pacific Endgame



War in the Pacific January 1945



1

Japanese attack
Vs Nationalist & CCP
stalled

2

Japanese army
In India destroyed
British/Aust advancing
On Malaya

3

US Tasks forces s
...capture Pacific
islands. Target Iwo Jima
...then Okinawa...
...prepare for land
invasion

Target Iwo Jima

Land base for air raids on Japan mainland
17 carriers, 10 battleships, 100,000 marines



Iwo Jima: 12 sq. mile volcanic island

..20,000 Japanese cave complex ...Mount Suribachi



Iwo Jima February – March 1945



Raising the flag march 1945

US lose 7,000 deaths, 19,000 wounded

800 out of 20,000 Japanese surrender



Japanese “Secret Weapons”

- Chemical and Biological weapons
 - Developed and used during invasion of China
 - 500,000 Chinese killed
 - Experiments ongoing to spread plague
 - Balloon campaign v USA ...1944...fail
- Fire balloon campaign .winds
 - Incendiary bombs
 - Ignite Washington State...kill 5 children

US Government aware...supress news to avoid fear/ encourag

The only effective “secret weapon”Kamikaze

Okinawa Campaign April – July 1945



➤ About Okinawa

➤ 490 square mile

➤ First Japanese territory invaded, 500,000 civilian , 100, 000 soldiers

➤ US Objective

➤ Base for “Super fortress bombers”

➤ Land base for invasion of Japan

➤ US forces overwhelming:

➤ 20 carriers (including 8 British)

➤ 250,000 landing....rises to 500,000

Existential warfare: use of child soldiers



Kamikaze pilots end route to Okinawa



Kamikaze attack



Kamikazes are effective: ...8 ships sunk, 400 damaged,



Okinawa aftermath

- War becomes a fight to extinction
 - 100,000 Japanese soldiers,(2,000 surrender)
 - 150,000 civilians killed...mass suicides
 - US lose 13,000 dead, 40,000 wounded ,
- Intensification of bombing campaign....objective total destruction
- Escalation of brutality

B29 (Super fortress) bombers from China/ Iwo Jima:

.....attempts to target factories fail/ city incineration programme

.....B29 fly too high for Zeroes to attack



Leaflets distributed...warning
...not believed

東京ノ戰場化

The Battle of Tokyo



戦ノ幕ハ切ツテ落サレタ

Fire bombing of Tokyo: July 1945

....all wood city....special designed bombs

....city totally destroyed



Impact: 100,000 killed in one day



Harry Truman (1884-1972)



FDR dies April 12, 1945
Truman VP for 3 months
...saw FDR twice

Middle class family
Missouri...technical college
....technical college
...small business man
.. Captain artillery ww1

Runs haberdashery post WW!
Local political
Democrat machine
Prendergast "employee"

Senator for Missouri
4th choice for VP
Dept. of Efficiency during WW2
thought reliable

Manhattan Project 1942-1945

- ▶ Einstein letter to FDR 1939: warning bomb possible, Germans developing
 - ▶ Research in UK and US begins
- ▶ 1940 University of Birmingham/ Cambridge...prove bomb possible
- ▶ 1941 MAUD committee results shared with US
 - ▶ UK abandons attempt
 - ▶ Shares knowledge...."Lend Lease"
- ▶ FDR commissions Manhattan project.. US Led
- ▶ Truman informed about bomb 3 weeks after assuming office
 - ▶ Programme infiltrated by USSR agents....Stalin aware
 - ▶ does not know test due July 1945...Potsdam Conference

Manhattan project locations

...130,000 people, Budget \$27Bn (2023)



Potsdam Conference July-August 1945 (Churchill, Truman, Stalin)

....Demand unconditional Surrender from Japan...ignored

....USSR to attack Japan

...Truman gets results of first atomic test...informs Stalin



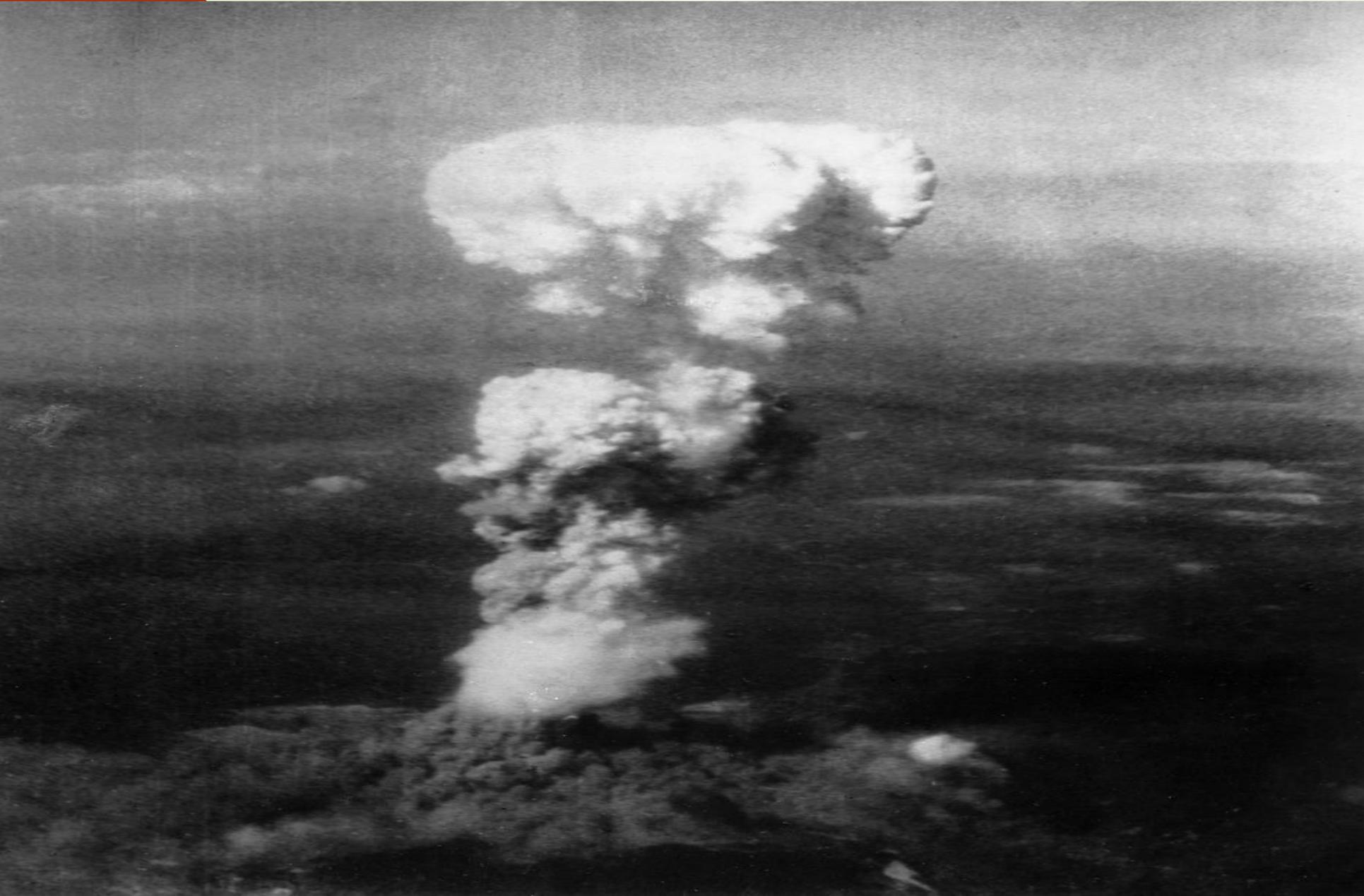
Truman decision to use bomb

....Truman diary: "This weapon is to be used against Japan between now and August 10th. I have told the Sec. of War, Mr. Stimson, to use it so that military objectives and soldiers and sailors are the target and not women and children. Even if the Japs are savages, ruthless, merciless and fanatic, we as the leader of the world for the common welfare cannot drop that terrible bomb on the old capital [Kyoto] or the new [Tokyo]. He and I are in accord. The target will be a purely military one."

Influences on decision:

- (1) Invasion of Japan expected 500,000 allied, 1-5 million civilian casualties
- (2) 2 bombs available.....fear one would be dud....
- (3) Use of demonstration rejected.....only use on city would force surrender

Hiroshima/ Nagasaki



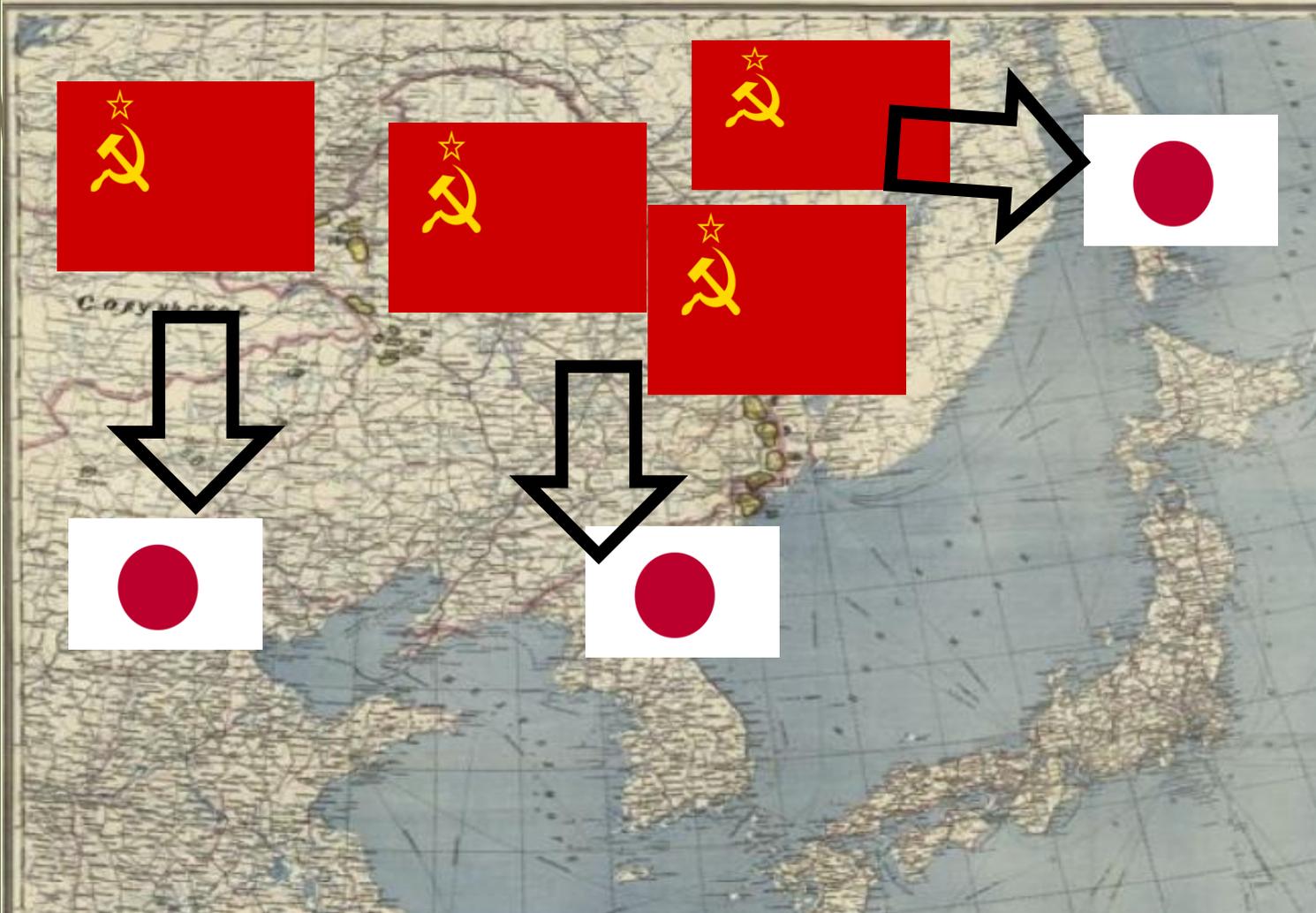
Hiroshima bomb
August 6
166,000 die by
year end (10,000
soldiers),

Nagasaki bomb
August 9th
85,000 civilians
And 800 soldiers

Hiroshima after



USSR Invasion of Manchuria



Invasion same day as Nagasaki bomb

USS\$ 1.5m overwhelm 1m Japanese..5x planes & tanks

Advance to 38th parallel Korea
....threaten Japanese mainland

Japanese Surrender on USS Missouri ...Macarthur watching





World war is over, much of world in ruins
...will Versailles be repeated
....or a new world order created

Next Talk Monday March 3rd ...Post War World