

DECLASSIFIED IAW DOD MEMO OF 3 MAY 1972, SUBJ: DECLASSIFICATION OF WWII RECORDS

SPECIAL PROBLEM.

Dec.

1896.

Was with Spain

Original Milio

loopy

War College, December 1896. Confidential.

SITUATION
in case of
War with Spain.

If a war should break out between the United States and Spain, the situation under existing circumstances would be briefly as follows:

<u>lst</u>. Spain itself could be attacked. This would involve an unduly large expenditure of life and treasure; and the issue of such a campaign would be somewhat doubtful.

2d., Spain's possessions in the East could be attacked. This would require fewer men and less money, and the issue of a resolute campaign against the Philippines might be regarded as reasonably certain to be successful. Success there, however, would not be of great value to us, as it would not certainly bring the enemy to terms.

3d. Spain's West Indian possessions could be attacked. This campaign would require, still less men and means as the West Indies are at our doors, and the transportation difficulties would be a minimum.

It would not certainly bring the enemy to terms if we should occupy Cuba and Porto Rico, but it would throw upon the enemy the chief burdens of the continuance of hostilities; he being on the other side of the Atlantic, while we are practically at home.

The strategic relation of Cuba to the Gulf of Mexico is so close and intimate that the value of that island to the United States in a military and naval way is incalculable.

The third alternative is therefore selected and the method of attack is now to be considered.

The conditions surrounding Cuba as a theatre of operations are those most favorable to the United States.

lst. From our nearness to the field of work we shall have an advantage probably in case of sudden war, and by the use of ordinary diligence we may complete many important movements before an additional home force of Spain can be brought into the theatre of action.

2d. It is probable that when the reinforcements now en-route (September 1896) for Cuba have arrived, the effective Spanish force which could be collected to resist the advance of our troops after landing would not be far from 70,000 men.

The Spanish naval force in Cuban waters is weak in fighting power and it is likely that thirty days will elapse before any considerable re-inforcements will arrive.

During that time we shall have control of the sea without question; men and in twenty five days place upon the shores of Cuba, a force of 30,000 in and the following twenty days can reinforce that number by 50,000, and thereafter without limit as necessity demands.

3d. When the home force from Spain , land and sea, arrives, our fleet will still be equal to theirs, and would welcome an engagement, but should not follow far to seek one but should regard Havana as at all times the primary objective.

4th. Havana is the natural objective for obvious reasons. It is the Capital. It is the nearest point on the Island to our bases. It is the commercial and military center of the Western half of the Island, which is the portion projecting into the Gulf of Mexico, and principally concerning us for strategic reasons.

The eastern half of the Island, can, in the event of the present war be safely left to the insurgents now actively contesting that region with the mother country, aided by our arms, money and countenance; and it is not probable that this section would be as a landing place by the Spanish forces, nor in any way as their base.

Outside the chief cities over the whole Island the insurgents seem to be in partial control and probably the fact that the United States had taken up their cause and was supplying them with arms would bring such additions to their ranks that all but the chief cities would practically be held by them.

Considering these conditions we perceive that we should if possible occupy the western portion of Cuba and capture Havana before the full strength of Spain could be exerted in the Island.

It is believed that our naval force alone cannot take and hold Havana as its harbor is commanded by forts in such a way as to make this unlikely. It is thought however that possibly the disaffection among the troops as well as among the people of Havana itself may be so great that a demonstration in force against the city might result in a surrender being forced upon the authorities. This demonstration however must in no way stop or retard the active preparations for complete investment of the city. Its defenses must be turned by a land force, operating upon their flank and rear. Our first step therefore should be to effect a landing in force at some point near Havana.

The occupation of the Isle of Pines and a landing near Batabano (about 25 miles from Havana) offers many advantages, but involves a complete separation of the army from the fleet, and is therefore rejected; at least for the earlier part of the campaign.

The north shore is therefore selected for landing the troops who will when landed, move towards Havana with their seaward flank resting upon the fleet, which will move with them, keeping touch.

The Spanish troops now in Cuba, if distributed judiciously, ready for concentration, could be quickly assembled at any point within twenty miles of Havana or near the "trocha", in sufficient force to menace seriously any attempt at landing. A point of disembarkation should therefore be chosen beyond that distance.

The vicinity of Matanzas to the eastward and of Cahanas and Bahia

Honda to the westward suggest themselves. The latter are chosen because railroad facilities for the enemy's quick concentration are fewer to the westward of Havana, and although there is a large body of Spanish troops west of Havana, the insurgents also present a large force which could probably prevent or retard the rapid concentration of troops to resist our landing.

It is suggested that a slight feint be made at Cabanas, followed by a strong demonstration against Matanzas, lasting long enough to draw the enemy in that direction, and that finally the real landing takes place at Cabanas and Bahia Honda.

The question now presents itself of our Naval bases, and points of embarkation for our troops.

Nearness to the theatre of operations being of prime importance we have to consider Key West and Dry Tortugas, Tampa, New Orleans and Mobile.

Dry Tortugas is rejected as a depot because colliers an=d supply vessels cannot lie there secure from direct gun fire from an enemy outside and at the same time be free from torpedo boat attack from almost any point of the compass. This valuable harbor should not on this account he abandoned as the enemy in such a case might use it as a vantage point to harass our movements.

Key West is selected as a temporary advanced depot near the front of operations for immediate supplies of coal, ammunition and other supplies, and for slight repairs.

Tampa, Pensacola, Mobile and New Orleans are selected as bases of supply and points of embarkation for troops. These are selected in order to give adequate terminal facilities for rapid embarkation.

It is expected that a blockade of the ports of Cuba would be declar ed and would be made effective at the different ports as fast as m vessels could be chartered and armed.

In studying this question the War College has seriously considered the subject of blockading the ports of Cuba.

It is not the **province** of the College to enter upon any political considerations relating to the policy which it may be advisable to pursue in a war of this kind, but Only upon those questions on which sound military principles depend.

as that of the Confederate States during our Civil War, excluding the southern part of the Peninsula of Florida which never required much atten tion from our vessels. A blockade of the island in whole or in part the can be accomplished in time and it should be a part of the plan of campaign.

While it may be said that we have had experience in conducting an efficient blockade, others have had experience in evading it.

We can put an improvised force off every Cuban port, but to be effective against the blockade runner alone the force must be very large.

The proclamation of blockade during the Civil War was dated April 19th 1861. Ports of entry were successively captured by our Navy which limited the ports to which the blockade runners could enter and at the same time lessened the number of ports to be blockaded, and yet from July 1862 to June 1863 - fifty seven steamers and 91 sailing vessels left Nassau alone for the Confederate ports of which 6 steamers and 36 sailing vessels were captured. From Bermuda, Havana and other ports there was probably an equal amount of blockade running.

While the Spanish Military force now in Cuba is not as self-supporting as the South was during the Rebellion and would consequently suffer greater hardships from an effectivem blockade, Spain has on the other hand a Navy which can break up a blockade, while the Confederate States had practically none. Our blockade would be effective only by the means of vessels that would be efficient when pitted against regular men of

war, and while, our regular vvessels are superior to theirs if we can only meet them, it is easy for them to avoid a meeting with our fleet and devote their energies to raising the blockade of ports that are protected by the auxiliary force, which of necessity we must employ. If we separate our regular fighting force to do blockading duty, the vessels can be overcome almost as easily as the improvised force, for the enemy would come combined while our blockade vessels would be acting singly or in feeble groups.

If in such a case our vessels rally in sufficient numbers to meet the enemy, they only do it at the expense of the efficiency of the blockade, for the instant they leave their stations in the face of a superior enemy, the Blockade is no longer effective. M + N

It would seem therefore that an attack on Cuba cannot be successful alone through a blockade, nor without a vigorous offensive, or in other words without a serious demonstration by ships and troops against Havana; and the other cities, and that any closing of ports in the nature of a blockade must be by the capture of the port itself and holding it by troops.

The ultimate cost of the war, too, in life and money will be less by starting from the first with the most vigorous preparations on such a scale that there shall be no possibility of failure. Anything less than this is liable to meet with such a resistance or perhaps such a failure at first as will cause a greater delay in the final settlement.

If we could feel sure that our fileet would at once meet and fight the Spanish fleet, the blockade would become a more effective factor but long continued work at the College with the constant end in view of determining the possibilities of thus meeting the Spanish fleet, result in the conviction that the chances of finding them and bringing them to battle are not good if they wish to evade our fighting fleet and strike our blockading detachments.

# SPANISH NAVAL FORCE IN CUBA.

1st Division.

for our shore cruising.

Name	Dis- place- ment.	Draft	Speed	Torp.	Remarks - type, main battery
Reina Christina	3520	17	18	5	Cr. 6 - 6" 2 B.L.
Alfonso XII	3090	17	18	5	same.Flag-ship Havana.
Reina Mercedes	3090	17	18	5	same.
Conde de Venidito	11,30	13	14	2	G.B. 4 - 4".7 B.L.
Infanta Isabel	1130	12	14	3	same.
Isla de Luxon	1030	12	16	3	same. 2".5 protected deck.
Marquis de la En- denada	1030	12	15	4	same. Bahia Honda.
Jorge Juan	935	12	13		Wood, 3 - 4".7 B.L.

2d Division.

for Coast patrol within 3 mile limit.

Coast patrol within 3 mile limit.								
Filipines	750	8.5	20	4	2 - 4*.7 R.F.			
Galicia	571	10	19	2	2 - 4".7 R.F.			
Martin H. Pinzon	571	10.	19	2	same.			
Vincent Pinzon	571	10.	19	2	same.			
Marquis de Molenes	571	10.	19	2	same.			
Magellanes	524	9	11	1	3 - 4".7 B.L.			
Neuva Espana	630	12.	18	2	2 - 4".7 B.L. Cape Maysi.			
Alvarado	300	11	11	2	2 R.F.			
Hernan Cortez	300	11	11	2	2 R.F.			
Pizzaro	300	11	11	2	2 R.F.			
Ponce de Leon	300	11	11	2	2 R.F.			
Sandoval	300	11	11	2	2 R.F. Port Bartiguiere.			
Vasco Nunez de Balboa	300	11	11	2	2 R.F.			

	1		, 1		
Name	Dis- place ment		Speed	Torp.	Remarks - type, main battery.
Valasquez	300	11	11	2	2 R.F.
Cuba Espanola	225	6	6		1 - 6".3 M.L.
Cazador	179	6.5	8		1 - 5" M.L.
Coutra Maestro	179	6.5	6		1 - 5" M.L.
Descupredor	179	6.5	7		1 - 5" M.L.
Eriesson	179	6.5	6		1 - 5" M.L.
Gacola	179	6.5	4		1 - 4".7 M.L.
Golondrina					
Guardian	179	6.5	5		1 - 6".3 M.L.
Indes	179	6.5	7		1 - 4".7 M.L.
Muesajeim					
Telegrama	179	6.5	5		1 - 5" M.L.
Vigia	179	6.5	7		1 - 5" M.L.
Yumuri	179	6.5	6		1 - 5" M.L.
Alcedo	217	7			1 - 4".7 B.L.
Ligaspi	1024	12	9		2 - 9 pdrs.transport, flagship eastern div.
Vole Mercante					Despatch Boat.
Audaz					Despatch Boat.
Civiola					Despatch Boat.
Satelite					Despatch Boat.

# Bays and Inlets.

Alerta	Armed	Launch
Alemendares		v
Ardilla		и
Baracoa		и
Cometa		*
Delgardo Parejo		

7									
Name	Dis- place-I ment	Draft	Speed	Torp.					
Ligera					Armed launch				
Lince					и				
Martinez Campos					v				
Seven more (same	as last	)			*				
Alfonso XII	3628				Transatlantic Line, im				
Alfonso XIII	2632				pressed for Cuhan ser- vice				
Cuidad de Cadiz	1844				same				
Reina Cristina	2631				same				
Santo Domingo	1856				same				
	P	repar	ing fo	r Cuba					
Ariete	97	5	26	2	Torpedo boat 4-3 pars R F				
Azor	108	6	24	3	same				
Halcon	108		24	3	same				
Vessels of Co	mpanie '	Trans	atlant	ia ava	ilable as cruisers.				
Buenos Aires		. 336	7 tons	net					
Monte Video		. 330	4 "	u					
Isla de Ingon		. 277:	3 "	M					
Isla de Panay		. 233	2 "	11					
Espana		. 200	6 "	¥					

1.

# (continued.)

1	San Augustin	l tons	net.
1	Guipuzcoa137	7 tons	net
1	Mexico135	9 tons	net
1	Panama134	7 tons	net
37	Baldomero Iglesias102	tons	net
1000	Larache 98	o tons	net
1	Manuel L. Villaverde 73	8 tons	net
1	Rabal 53	8 tons	net
	Jaoquin Pielago 59	o tons	net
1	Mogador29	7 tons	net.

				9 -			-	
Spani	sh ve	ssels	possibl;	y read	ly to rein	force	Cuban F	leet.
Name.	Differ.	Spirit	Duk	and a second	Mary Defend	The start	ossi	July -
Pelayo Varibaldi	9900	16.	24-11	800	2-12.5" 2-11" 1-6.2"	17 3/4	19 1/4	24
Oquendo	7000	20	21-6	1200	2-11"	12	10 1/2	3
Maria Theresa	7000	20.25	21-6	1200	do	12	10 1/2	3
Princessas As-	7000	20.	21-10	1200	do	12	10 1/2	2
turia Viscaya	7000	21	21-6	1200	do	12	10 1/2	3
Carlos V.	9090	20	25	1700	2-11" 8-5.5" 4-3.9"	2	10	6 1/8
Alfonso XIII	5000	20	20	1200	4-7.8" 6-4.7"			4 1/2
Lepanto	4826	20	20	1100	do			4 3/4
Reina Cristina	3520	17.5	16.5	600	6-6.2"			
Sister Ship								
Sister Ship								
Aragon	3342	14	20-11	470	6-6.2"			
Sister Ship								
Sister Ship								
Infanta Isabel	1130	14	12-5	220	4-4.7"			
Sister Ship								
Sister Ship								
Sister Ship								
Sister Ship								
9 Torpedo gun- boats.	830	20			2-4.7"			
17 Torpedo Boar small gun vesse etc. etc.								

NAVAL FORCE OF THE UNITED STATES ON THE ATLANTIC and probably able to concentrate in thirty days.

--- Battle Ships ---

Indiana

Texas

Massachusetts.

Maine.

-- Double Rurret Monitors .--

Miantonomah

Puritan

Amphitrite

Terror

-- Armored Cruisers .--

New York

Brooklyn.

--Ram--

Katahdin

-- Cruisers .--

Columbia

Minneapolis

Newark.

San Francisco

Lancaster

Cincinnati

Raleigh

Chicago

Montgomery

Marblehead

Alliance

Essex

Enterprise.

-- Gunboats --

Castine

Bancroft

Dolphin

Helena

Wilmington

Nashville.

-- Torpedo Boats .--

Alarm

Vesuvius

Cushing

Ericsson

Stiletto

No. 3

No. 4

No. 5

No. 6

No. 7.

-- Old Harbor Defense Monitors .--

Ajax

Mahopac

Manhattan

Catskill

Jason

Lehigh

Montauk

Passaic

Nahant

Canonicus.

WAR IS DECLARED.

The general naval and military plan will be to attack Eubarand secure Havana first, and afterwards the chief coast cities and the whole island.

The Military force it is cupposed will be an advance corps of all the regular troops available (about 30,000 men) and a main body of 250,000 men enlisted for three years or for the war.

Note: It is supposed that the company organizations of the U.S.Army will be filled at once to 100 men making 40,000 in all, of which 30,000 will probably be available for the advance corps.

It is recommended that the advance will concentrate 10,000 men at Tampa, 10,000 men divided between Mobile and Pensacola, and 10,000 men at New Orleans, and that these men will be ready and embarked on board transports at the points designated by the 20th day after the declaration of war.

That the main body of three years volunteers will collect at their several State camps and as fast as organized will concentrate at the above mentioned ports for embarkation for Cuba.

The Commander-in-Chief applies to the Department for officers for the following duties:

Chief of Staff, Aides, Secretaries, etc.

Military Aides.

Chief of Improvised Flotilla.

Chief of Coal Supply.

Chief of Scouts and Information.

Captains of the Port at the following ports, Key West - Tampa, Pensacola, Mobile, New Orleans, with two regular and six or more volunterr officers as assistants.

Military Aide to the Commandant of the Station at Key West. Captain of the Port at each port of Debarkation of troops in

Cuba (Cabanas and Bahia Honda.)

Surgeons in charge of floating and field hospitals

The Captains of the Port will at once begin the preparations
for the arrival of the troops and their speedy embarkation.

Those detailed for Cuban ports will prepare anchors and chains for moorings, pile drivers, lumber, dredgers, car flats for improvised wharves, charter tugs, etc.

The Light House Tenders of the 6th, 7th, and the 8th districts will take on board as many buoys and fittings as they can load, lanterns for temporary harbor lights, etc. and will proceed to Key West. They will accompany the advance naval force to Cabanas and Bahia Honda and will buoy out the channels under the direction of the Captains of the Ports.

Note: - The U.S.Navy or the Army Regulations not recognizing the position of Captain of the Port as an official to take charge of all material afloat in joint expeditions, the President of the United States as Commander-in-Chief of the Army and Navy will be requested to issue orders to both the War and Navy Departments establishing the office. (See appended letters.)

#### DETAILS OF THE EXPEDITION.

Upon the declaration of war the Massachusetts, Indiana, Maine Texas, New York, Brooklyn, Columbia, Newark, Montgomery, Raleigh, Ericsson, Cushing, Torpedo Boats 3 - 4 - 5 - 6 will sail for Key West and Havana.

These vessels will be accompanied by as many of the mosquito fleet as are ready, if any have been prepared in advance of the declaration of war. It is essential however that a number of light draft armed vessels shall accompany the fleet even if they have not been fitted out as they should be.

Each vessel of the fleet therefore will take with it (in tow if necessary) a suitable sea going vessel of not more than 9 feet draft. These vessels will take on board before sailing a sufficient quantity of lumber to strengthen the decks. They will be officered and manned from the fleet and recruits will fill the vacancies on board the latter as fast as they are enlisted. On the passage south the mechanics of the fleet willstrengthen the decks, build suitable bulkheads for securing coal protection for the engines boilers etc. When the weather is suitable during the passage or upon arrival at Key West the vessels will be armed with such R.F. guns from the fleet as are suited to them.

This is but a temporary arrangement for the purpose of striking a sudden blow at Cienfuegoes and capturing it before it can be protected by additional defenses. As soon as the vessels have been properly fitted and armed they will relieve those with the fleet and they in turn will be properly fitted out.

In order not to unduly weaken the fighting force of the vessels of the squadron and to assist in the attack of the defenses of the port by landing and occupying the forts till relieved by the army, 2,000 men will be taken on board the vessels of the squadron and one transport to be chartered for the purpose. They will also take the necessary small arms and ammunition if it is on hand and can be furnished without delaying the sailing of the fleet; otherwise the arms must be provided

compreed of haval militat

by the vessels of the fleet.

The

The Essex, a freight steamer and an armed tug will be loaded with supplies and ammunition for the insurgents of the eastern half of the island. The Alliance, a freight steamer and an armed tug will load for the western half of the island. These vessels will sail as soon as ready and report to the Commander-in-Chief off Havana.

Note: ) The information as to the best places at which to land the supplies for the insurgents will be ascertained from the leaders of the Cuban movement in the United States.

The Coast Survey Steamer Blake will be provided with graphels for dragging for the Cuban cables to Haiti and Jamaica, and will accompany the fleet. Chartered Cable Steamers (2) and follows

·Upon the arrival of the fleet at Key West two squadrons will be formed.

1st the Massachusetts, Indiana, Raleigh, Montgomery, Katahdin, Cushing, Ericsson will blockade Havana and adjacent ports.

2d. The Texas, Maine, Columbia, New York, Brooklyn, Newark, Castine, Blake Torpedo Boats Nos. 3-4-5-6 and all the improvised vessels and the transports will sail for Cienfuegos via the Yucatan Passage, keeping out of sight of the coast of Cuba. The Columbia will proceed ahead of the fleet to Grand Caymanto pick up pilots and will rendezvous south of Xagua Bank.

The squadron will endeavor to surprise Gienfuegos at daylight, running the defenses, landing the naval brigade to assault and hold possession of the forts, and capturing all the shipping in the harbor.

After it has finished its work of capturing Cienfuegos the squadron will be divided into three divisions, one to remain for the defense of the port and the blockade of Trinidad and the Gulf of Cazones, the second to demonstrate to the eastward and with the Blake to cut the cables to Haiti and Jamaica, and the third to scour the Gulf of Batabano and vapture or destroy the enemy's shipping. The second and third squadrons with the exception of the improvised vessels will return to Key West by the 20th day to be ready to assist in the landing of the advance of the Army unless notified to the contrary.

(Note) The vessels of the auxiliary fleet will be hastened in their

preparations and in their sailing for their stations. They will be required for immediate use in blockading the enemy's ports as fast as they have been cleared of shipping took by our security.

Note:-- Request to be made to the Secretary of the Treasury to order the Blake to report to the Senior Officer of the Squadron for this service and thereafter to be used in surveying the Cuban ports as the Commander in Chief may direct.

The Chicago, Enterprise, Marblehead, Dolphin, Vesuvius, Alarm, Stiletto, Torpedo Boats No. 7 and as many scouts as are ready will proceed to Hampton Roads and Tybee Roads to convoy the fleet of transports to their destination in the Gulf of Mexico, one half the force sailing by the seventh day and the other by the tenth day.

The four double turnet monitors, and the Jason, Ajax, Nantucket Catskill and Montauk, will sail for Key West as soon as ready, fill with coal and await orders.

The vessels convoying the transports will proceed to the different points of embarkation as follows.

Convoy No. 1 at New Orleans - Chicago, Dolphin.

Convoy No. 2 At Mobile and Pensacola - Enterprise, Alarm, and Dok-Stiletto.

Convoy No. 3 at Tampa - Marblehead, Vesuvius and Torpedo Boat No.7

The Newark will leave the fleet off Havana and proceed to Tampa
reaching there by the 10th day ready to comvoy the first transports to
Key West.

In the absence of the Captain of the Port at the ports of Embarkation the Senior Officer present will perform that duty.

The transports will sail from their ports as soon as ready in groups under convoy and will rendezvous at Tampa Bay.

(Note:- The Secretary of War to be informed that whatever port on the North Coast of Cuba is selected for a landing, the anchorage for deep vessels will be very contracted. It is essential therefore that all transports shall be as light draft as possible, and that none shall draw more than 20 feet when loaded.) The contracted anchorages will also necessitate the immediate departure of all vessels as soon as they are unloaded. The Secretary will be requested to order that all transports

and other vessels chartered by the military authorities shall in every case have sufficient coal water, provisions and supplies to reach a home port without requiring anything at the port of debarkation.)

If a reserve supply of ammunition for the great guns of the vessels of the fleet is at Key West or elsewhere near at hand a demonstration will be made against Havana as soon as possible after the declaration.

By the 10th day one brigade and 5 light batteries will sail from
Tampa for Key West convoyed by the Newark. At Key West they will be joined
joined by the four double turnet monitors.

At the day of sailing from Tampa, the Commander of the squadron off Havana will give the Spanish authorities notice to remove the non-combatants from the vicinity of the fortifications and government buildings within twenty four hours.

On the 12th day the fleet off Havana, reinforced by all the vessels mentioned above from Key West will open fire upon the forts and government buildings and will demand the surrender of the port, the brigade of infantry taking possession of the city if surrendered.

If there is not a supply of ammunition for all the vessels of the fleet, at Key West or elsewhere near at hand, the bombardment must cease with the expenditure of mot more than one fourth the full allowance of each ship. Nothing must be allowed to interfere with the fleet having a full supply of ammunition on board when the enemy's reinforcements arrive from Spain.

(Note:- Notwithstanding this demonstration, preparation for the campaign will continue. The details below given are under the supposition that the demonstration has only served to test the strength of the gun defenses of the gity.

The main convoy will consist of the following:

- 60 transports.
  - 1 col steamer for steam launch and mosquito flotilla supply.
- I tank steamer for water supply.
- 35 mosquito flotilla
- 35 armed tugs.

Each of the unarmed vessels of the convoy will be accompanied by one of the armed tugs of the mosquito fleet. The vessels carrying ar-

tillery detachments will have some of the guns mounted and ready for action. One battery of artillery will be embarked on board vessels carrying cavalry.

About 5 p.m. the 21st day a naval force consisting of the New York Brooklyn, Terror, Amphitrite, Raleigh, Montgomery, torpedo boats 3-4-5-6 and 12 mosquito fleet fitted with gear for dragging torpedoes will appear off Cabanas. They will make an attack on the defenses of the port drag for torpedoes in the channel, make a decided demonstration in the nature of a feint lasting until near daylight, when the vessels will withdraw toward Rebecca Shoal to meet the second convoy.

The armed tugs attached to this squadron will be sent to the Senior Monda. Officer off Bahia at Daylight the 23rd day to assist in clearing the minefields from the channels. Two of the single turret monitors will also sail from Key West in time to arrive off Bahia Honda at the same time.

The vessels of the convoy will be divided into two fleets, one with 10,000 men - including the 5,000 already at Key West and the other with 20,000

The 5,000 remaining at Tampa from the first convoy will sail from port accompanied by the Chicago, Maine, Newark, Alliance, Marblehead The Puritan and Miantonomah and the first brigade will join at Key West and be convoyed to Matanzas arriving at early daylight of the 22d day.

They will make a strong demonstration, shelling the battery San Filipe first and making every visible signs of landing even to sending in an advanced guard ashore in that vicinity. The demonstration will be kept up till after dark when the fleet will withdraw and steam to the westward effecting a landing at Bahia Honda the next morning.

Arriving off Bahia Honda at 6 a.m. the 23rd day the transports will keep out of range of guns from the shore. The vessels of the fleet will begin at once the bombardment of the forts at Pointm Cerro del Morrillo Under its cover the armed tugs from Cabanas will drag the channels for mines, and will buoy its sides using spar buoys only.

Upon clearing the channels as far as Pt. de Difuntas the double and

single turret monitors will steam in with the flat boats and boats of the squadron filled with troops under their lee. The boats will be cast off when past Punta de Real and make a landing up the stream to the South ward. The monitors in the meantime will anchor off this fort in such a position that their guns will enfilade the fort and protect tha landing of the assaulting party. During this assault on the fort as soon as gun fire is silenced, the troops not engaged in the assault will be convoyed into the harbor by the cruisers and anchored. The latter will clear the beach in the vicinity of the port of San Deigo del Nunez where the landing will take place.

The remainder of the troops from New Orleans Mobile and Pensacola (20,000 men) will arrive off Cabanas about noon of the 22d day and at the same time two of the single turret monitors from Key West.

Note: - The information regarding the harbor of Cabanas is very conflicting. The sketch of the harbor published by the Hydrographic Office shows only the main channel and only indicates that there are bays opening from it in both directions. Old sailing directions state that the eastern bay is fit for coasters and western for drafts of fifteen feet. Later sailing directions say nothing about these bays. The Map published by the U.S.Army Engineers in 1873 gives a narrower but a deeper entrance channel and shows plenty of space and depth of water in both the bays.)

The approximate plan of attack will be as follows: As soon as the channel is cleared of mines the double turret monitors will steam into the harbor side by side, bombarding the fort on the extremity of Cayo Don Juan Tomas, and anchoring one in each arm so that they can direct an efective cross fire on the fort. These will be followed by the two single turret monitors anchoring in the eastern bay, their guns commanding the town of Cabanas. The troops will follow, first capturing Cayo Don Juan Tomas and then effect a landing on the eastern side of the bay in the vicinity of the town.

Later the we stern bay will be taken and junction effected with the division at Bahia Honda eight miles distant.

The troops being ashore and securely entrenched, the New York,

Columbia, Montgomery, Marblehead, and Cushing with ten light fast armed yachts from the mosquito fleet will make a reconnaissance along the north shore of Cuba as far as Cape Maysi. The Maine, Minneapolis Dolphin, Raleigh, Ericsson and ten armed yachts will cruise along the south shore of Cuba. These two squadrons will capture or destroy all Spanish vessels they encounter a nd will make a demonstration a gainst the chief ports of the Island, returning to Key West after the duty is completed and leaving every prominent port blookaded.

Four coal steamers will accompany these two squadrons.

In case information arrives of the approach of the enemy's reinforcements from Spain these squadrons would be joined and confine their demonstration to the south side of the island.

The next consideration will be the arrival of the reinforcements from Spain, probably consisting of a number of transports and a fighting force of one battleship and five or six armored cruisers, together with a number of smaller vessels.

This convoy may be ready to sail on the day of the declaration of war with sufficient coal to reach Havana by a circuituous route fifteen days later. It is not probable however that it will arrive before the thirtieth and perhaps not before the fortieth day. It is important however that our Commander-in-Chief should receive the earliest information of its arrival.

It is thought that the enemy's objective will be the vicinity of Havana and for this reason our heavy fighting force should be in that neighborhood, with scouts observing the approaches to the eastward.

For the purpose of intercepting the reinforcements or any Spanish vessels that may be sent from Cuba to carry information to the Spanish approaching fleet, the following vessels will take station at the localities named, and will capture all the enemy's vessels sighted and will

report by wable the movements of any reinforcing squadron.

The Venezuela, City of Washington, and Saratoga will scout between Great Isaacs and Cape Florida.

The Orizaba, Yumuri, Yucatan, Newport, City of Para, Caracas and two fast armed yachts, from Crooked Island passage, through the Windward Passage to Jamaica.

Note: The Secretary of State to be informed that it is very desirable for the successful issue of the war that all movements of the enemy's vessels be known to the Commander-in-Chief of the national vessels in the vicinity. He is requested to direct all U.S. consuls, particularly at the ports in and adjacent to the Caribbean Sea, to take steps to obtain information as to the movements of the enemy's vessels, and will report by cipher message to the Navy Department, and to the Commander of the nearest Naval Vessel.)

The Minneapolis, Cincinnati and San Fransisco will proceed to Gibraltar and obtain information as to the movements of the Spanish reinforcements and will report by cable as opportunity offers.

Unless otherwise ordered, these vessels will endeavor to keep touch with the enemy after it sails from Spain. If information is to be cabled, the vessel weakest in coal endurance will be sent to the nearest cable station, from which it will return to a home port or to one of the Windward Ids. and report to the Department.

Note Of the other vessels now on foreign stations.

The Lancaster will remain on the Brazilian station to protect American commerce.

The vessels of the Asiatic squadron will remain on their stations and await orders from the Department as to any special attack on the Philippine Islands. The vessels on the Pacific Station will be prepared in case the Department orders, to reinforce the Asiatic squadron.

The Tank steamer American will be chartered and fill with fresh water and proceed to St. Thomas.

The Colliers Burks, Reading, Williamsport, Harrisburg, Pottsville, Lebanon of the Reading R.R. Co. will carry coal to Key West. The Saturn and Orion of the Boston Towboat Co. will carry coal to Tampa. As soon as discharged these vessels will run between New Orleans, Mobile and

Pensacola and the fleet as ordered.

The Tank Steamer Maverick with a tank barge in tow will fill with fresh water and proceed to Key West to supply the fleet. Standard Oil Company's tank barges Nos. 55, 56, 57, 58, 75, 76 will fill with fresh water and vbe sent under tow of the transports with the convoy to Key West.

The H.F.Dimock and Herman Winter of the Metropolitan S.S.Co. North River, New York, will proceed to New York for naval ordnance supplies and will then report at Hampton Roads for convoy. The supply will be as great as the vessels can carry.

The Ohio, 3392 tons, 1325 knots speed, International Navigation Co. will be fitted as a floating repair ship. The Valencia, 4115 tons, 14 knots speed, U.S. and Brazil Mail S.S. Co. will be fitted out as a Torpedo, repair and supply ship. The Ohio at New York and the Valencia at the satisfied of their supplies they will carry all the Ceal they can show.

Norfolk. These vessels will be commanded by Lieutenants with Junior officers as Executives. A Chief Engineer and Assistants will be ordered to the Ohio in addition to the above.

The Commercial Cable Co.'s cable steamer will be chartered to lay immediately a cable from Key West to Cabanas.

The cable now running from Havana to Key West will be put under military control at once.

The providence and Puritan, O.C. Steamboat Co. the Massachusetts and Connecticut, Providence and New York S.S.Co. will be fitted out at the Navy Yard, New York under the direction of the Senior Medical Officer as Hospital, Ships. They will arrive at Hampton Roads to join the convoy sailing the 7th day.

Potable water for use on ship board and for Naval Brigades.

Attached to the fleet will be four vessels fittied with apparatuss for distilling water, tanks for storing it on board, transporting barrels for carrying water on shore, steam pumps, hose, etc. for quickly filling the tanks of any vessel requiring it.

This water is not, intended for steaming purposes, but only for drinking and cooking.

#### SCOUTS.

The following named vessels will be purchased or chartered, coaled and provisioned at New York or Norfolk, fitted with a battery of R.F. guns or oothers, with small arms and ammunition and will proceed to their destination as given above, sailing by the 20th day or will proceed to Hampton Roads or Tybee Roads to convoy the transports and supply vessels to their destination. They will take coal in all cargo spaces available. They will be officered by 4 Commanders, 5 Lieutenant Commanders, 8 Lieutenants and 17 Junior Officers.

### LIST OF SCOUT VESSELS.

## 6 in.4 in.6 pd.1 pd.Mach

St.Louis	8		4		4	American Line
St.Paul	6		4		4	do
Paris	1.2		6		6	do
New: York	12		6		6	do
Newport		8			5	P.M.Co.
City of Para		8			8	do
Caracas		8			6	Red "D" Line
Philadelphia		8			6	do
Venezuela	*	8			8	do
Orizaba		8			6	N.Y. and Cuba Mail S.S.Co.
Yumuri		8			6	do
Senaca		8			6	do
Yucatan		8			6	do
City of Washington		8			8	do
Saratoga		8			8	do
Seguranca		4		4	3	Brazil Mail
Vigiloncia		4		4	3	do

### MOSQUITO FLOTILLA.

These vessels will be strengthened in the bows, and be used as light gun boats and rams, or, will be fitted with Howell, Whitehead or pneumatic torpedoes and tubes. All will be supplied with small arms and ammunition and a rapid fire gun, if time will permit. Until the Howell or other torpedoes are available they will be fitted with spar torpedoes.

They will collect at Hampton Roads, Savannah and New Orleans with coal, provisions and supplies on board, and will accompany the convoy to Key West or Tampa or will steam through the inland passage if necessary.

A large number of them will be employed to guard the line of communation along Hawkes Channel (inside the Florida reefs) and the line of from New Orleans, Mobile and Tampa to Key West.

The others will act as guard to the Tampa base and for landing of troops in Cuba.

8-9

Boston

troops in Cuba. Yachts. # Almy - - - - 365 tons-draft 9-6 New York # Au Revoir - - 343 9-0 Wilmington # Clermont - - 259 5-6 New York 9-0 # Susquehanna 233 Wild Duck - - 233 7-6 Boston # Tillie - - - - 201 9-8 New York # Radha - - - - - 195 9-0 # Ibis - - - - 184 9-0 # Cora - - - - 173 9-0 # Embla - - - 170 8-0 # Unquowa - - - - 160 8-6 # Riva - - - 159 4-6 # Norma - - - - 158 10-0 Providence. 10-0 Norfolk # Seneca - - - 157 New York # Caiman - - - - 154 2-6 # Clifton - - - - 154 11 6-9 New York # Ballymena - - - 145 7-6 Newport # Neaira - - - 141 7-6 New York # Oneida - - - 141 8-2 do 9-0 # Viking - - - - 141 do

# Jathnel - - - - 140

			and the same		
Narwhal140	tons-d		ft-in 7-7	New	London
Elfrida 123	**	n	7-6	New	York
Lagonda121	Ħ	n	7-8		n
Sapphire 120	70	**	7-6	n	n
Falcon 120	**	**	7-6	Wiln	nington
Avenal 117	"	n	9-6	Phil	adelphia
Toinette 117	71	"	7-0	Bost	on
Nooya 110	71	**	10-0	New	York
Sybilla 110	"	n	6-6	Phil	adelphia
Shearwater 109	**	11	6-6	New	York
Starling 109	11	**	9-0		n
Restless 105	n	**	7-6	Rock	nester N.Y.
Admiral 103		n.	6-10	Prov	ridence
Talisman 102	**	#	7-0	Bost	on.

Note: The vessels marked thus # will be particularly well armed and will accompany the reconnoitering fleet to assist in searching out and destroying the enemy's small vessels in the shoals and lagoons of Cuba.

The list of vessels given below is larger than the immediate needs of the flotilla but it is given in order to have enough vessels from which to select:

T U G S

Name	Tons	Length	Depth	Por	t.
El Chica	106	100	7	New Orl	ans
El Moro	- 104	94	8	do	
Elmer E.Wood	-112	92	10	do	
Governor Nichols -	-101	99	8	do	
Grover Cleveland -	-114-	104	7	do	
Louise	127	111	7	do do	
Neptune	- 146	106	7	do do	
Sentinel	115	116	11	do	
Underwriter	- 170	113	11	do	
W.G.Wilmouth	150	99	11	do	
B.D.Wood	-151	91	10	Pittsbu	rg

Name.	Tons	Length	Depth	Port.
Gulf City	227	100	8	Hobile
C.C.Keyser	105			do
Mary Whittick	127	103	11	do
Nimrod	116	94	9	do
U.S.Grant	112	100	9	do
Bessie	185	112	8	Galveston
Cumberland	117	124	8	do
Effort	119	100	7	do
Hortense	130	99	9	do
Louise	105	95	7	do
Echo	136	135	15	Pensacola
Seorge H.Rea -	133	119	9	St.louis
City of Tampa	125			Tampa
Monarch	143	133	11	Pensacola
May Garner	101	94	7 .	Jacksonville
Mosquit	o flotilla	Rams and	Torpedo B	oats
America	107 t	tons, 10 to 1	2 knots	Brooklyn, N.Y.
Astral	128	п п		Newburg
Belvidere	107	n n		South Amboy
C.C.Clarke	150	" "		Camden N.J.
C.M.Depew	134	m m		Newburg, N.Y.
Harsimus	112	n n		South Amboy
Jamestown	118	n n		Philadelphia
Jessie	118	п		Hoboken
Juniata	112	n n		Brooklyn
L. Luckenback -	255	" , "		Camden, N.J.
Mercer	150	н		H.
Nanie Lamberto	n117	п		Perth Amboy
N.Y.Central Li	ghtering Co	)		
# 9	103	n n		Philadelphia
# 12	103	n n		Camden, N.J.
# 13	103	n n		Camden N.J.
# 17	147	n n		Newburg

Newburg

# 18 -----104 "

Mosquito Flotilla - Rams	and Torpe	do Boats (	Continued.)
Ocean King 202	tons,10 to	12 knots	Philadelphia
R.H.Rathbun 200	n	n	Newburg
Robert Lockhart 138	#	n	n
Rochester 118	n	n	Philadelphia
Triton 259	"	n	Boston
Young America 136	"	n	Bordentown
Camera 233	n	n	Wilmington
Arthur Lambert125	n	in .	New Orleans
Arthur 96	n	"	New Orleans
Henry Marx 200	**	"	New Orleans
Resolute	n	n	New Orleans
Uncle Billy80	n		New Orleans
Buckthorn 64	п	п	Galveston
Carbonera 181	n		Galveston
Cynthia 100	"	*	Galveston
S.T.Maddox 302	n	-	Galveston

The following vessels will load with coal; and report at Key West. The vessels from New York will tow ten railway cartflats to Key West.

Bowden 768	tons	11	knots	Boston Fruit Co.
Bernard 881	11	10	н	п
Breakwater	**	10	n	Macheca Bros., New Orleans
Wanderer 266	n			do
Catherine Whitney - 565	Ħ	9		W.H.Phillips,Philadelphia
Czarina 810	11	9		do
Elihu Thompson896	n	9	n	Sprague and Breed, Boston
Jos.Oteri, Jr 465	11	9	n	L.J.Oteri, New Orleans
Prof.Morse 698	п	10	n	S.J.Oteri, New Orleans
S.Piazzati 660	n			đo
Progresso 1805	n	11	н	J.M. Waterbury, New York

Inv case the Army is not ready with one brigade of infantry and 5 batteries of Artillery to take part in the demonstration against Havana on the 12th day, or for any other purpose where a landing party may be needed to take possession of a place surrendered to the fleet, a Naval Brigade will be organized at once, two vessels will be chartered and it will sail for the fleet off Havana without delay.

The organization of the Brigade will be as follows:

Commanding Officer,, a Commander U.S.Navy, and the Chief of Staff and Adjutant, regular Naval Officers.

500 marines, commanded by a Major U.S M.C.

300 seamen infantry commanded by an Acting Volunteer Lieutenant Commander.

500 seamen for artillery commanded by an Acting Volunteer Lieut. Commander

Probable sources of supply of seamen and Acting Volunteer Officers. From the naval militia organizations 600 men. From recruits 400 men.

As this body, when landed is only for the purpose of holding a position until relieved by the military, it will carry 30 3 inch B.L.R. or other guns to be mounted in entrenchments.

Probable sources of supply for the guns are

Naval Academy 12

Naval Militia organizations 9

Training Station 3

Accompanying squadron 6

(Note: Pilots for the ports on the coast of Cuba in the vicinity of Havana when wanted may probably be found at Key West by applying to Jefferson B.Brown, Collector of Customs, William Burry's Sons, John Lowe Jr. and John Jay Philbrick. With the exception of the first named they were the owners of fishing vessels that carried fresh fish into thes these ports. Heavy duties have stopped the trade but the men are still about Key West.

Later reports indicate that these men are good only for light draft vessels.

At Nassua N.P. there are also pilots for the ports on the north coast of Cuba. The U.S. Consul Mr. McLean will probably be able to ascertain their mames.

Extract from ENGINEERING MAGAZINE - October 1896.

## Water supply of Havana

Vento Springs emerge from the bank of the Alemendares River-at the foot of the hills called Del Barco - - The river is tunnelled
and thence to Havana a closed masonry and brick aqueduct.

The largest spring is situated 9 1-2 miles, about S x W from the Morro
and is between the railroad running to Batabano and that running to
Artemisia

Chief of Coal Supply.

You are here by appointed as Chief of Coal Supply and you are charged with supplying the fleet, torpedo boats, scouts, mosquito flotilla and other auxiliary vessels with all the coal nneeded by them. You are authorized to charter or if necessary to seize any vessels that may be required to carry out these orders.

This duty includes the purchase and transport of the coal organizing and managing the coal delivery service at the bases and elsewhere.

The chief points for the collection of coal will be Key West and the Florida Keys, but in addition you will have at most of the shoal harbors on the Florida Coast small quantities of from 100 to 200 tons stored afloat ready for use by torpedo boats or other vessels.

The supply for the fleet at Key West will probably average about 1200 tons per day, but after accumulating at that point an equal amount to twice the bunker capacity of the fleet, it will be advisable to hold an equal amount loaded on steamers of fair speed divided between the ports of New Orleans, Mobile and Pensacola, inside the Gulf and between Charleston, Port Royal and Savannah outside. These will be ready to sail at a moment's notice for Key West or any other point as may be ordered.

At Key West you will have a sufficient quantity of coal in bags loaded on scows ready to go alongside all the vessels of the fleet with one half the total bunker capacities of the vessels. The Commandant of the Station will furnish the tugs for the purpose of handling the lighters. You will employ the necessary foremen and laborers to handle the coal at the bases and to stow the bunkers of the vessels of the fleet.

Pay Inspector - - - - and Chief Engineer - - - - - - have been ordered to report to you for duty in the inspection and purchase of the coal. You are also authorized to select six competent men who are thoroughly familiar with the nautical part of the shipment and transport of coal and send their names to the Department for

Commissions as Acting Volunteer Ensigns and Lieutenants Junior Grade.

and not be able to purchase it, you will charter five vessels of at least 1,000 tons each, load them with coal and send one of them to each of the ports named below to report to the U.S. Consul for orders.

The ports are St. Thomas, St. Lucia, Fort de France, Gonaives and Samana Bay.

Note The Secretary of State to be requested to inform the Consuls of these ports that these vessels are to await the arrival of a naval vessel in want of coal or orders from one to join her at a rendezvous.)

A small squadron will be despatched about the 25th to cruise along the North Coast of Cuba and another along the South Coast. Two coal vessels will be prepared to accompany each of these squadrons sailing from Key West.

# EXECUTIVE MANSION, Washington, D.C.

To the Secretary of the Navy, Navy Department, Washington, D.C.

#### IT IS ORDERED THAT:-

- 1. At all joint bases of supply and ports of embarkation and disembarkation of joint expeditions of the army and navy, the Military authorities shall have command ashore and the Senior Naval Officer shall have command afloat.
- 2. A Naval Officer not below the rank of Lieutenant Commander will be assigned to duty at these ports with the title of Captain of the Port, who will represent the Senior Naval Officer in all matters relating to the administration of the local affairs of the port.
- 3. An Army Officer not below the rank of Major, will be assigned to duty at these ports ashere with the title of Military Landing Officer who will represent the Commandant of the Base in all matters relating to the landing or loading of troops or supplies.
- 4. The Captain of the Port will have authority over the H arbor Master if there be one and if not he will perform the duties of that position. He will have the pilots of the port under his charge. He will enforce the quarantine regulations.
- 5. He or his representatives will board every vessel entering the port and will assign to them, berths or anchorages? He will have authority to inspect the papers or the cargo of any vessel entering the port.
- 6. The Masters of all chartered vessels will report to him upon arrival, in general terms, the character of their cargoes. He will have the authority to control the movements of all vessels after their arrival at the port.
- 7. He will transmit without delay to the Commandant of the Base or the Military Landing Officer the reports of arrivals of vessels engaged in carrying troops or army supplies, and will see that these

vessels are sent to a convenient berth for unloading as soon as he is informed by the Landing Officer that he is ready to receive them.

- 8. Upon a vessel completing her loading or unloading he will be informed by the Landing Officer that she is ready to sail, whereupon he will see that she leaves the wharf without delay and is assigned to an anchorage if she is not to sail at once. If she is to proceed under convoy he will see that her Commanding Officer is furnished with all the Regulations private signals, etc. that may be decided upon by the Senior Naval Officer.
- 9. The Military Authorities will select and charter such vessels as they may deem suited to their needs, but every vessel engaged in sea transport or sailing under convoy with military supplies or troops will be commanded by a commissioned Naval Officer. The Navy Department will either order an officer to the Command or will commission the Master of the vessel. If the Department has ordered no one and the messel is required for immediate use the Senior Naval Officer at the base or of the convoy will order an officer to temporary duty of command until the Navy Department takes action.

In the Charter Party the substance of the above paragraph will always appear, and no vessel will be employed on this duty whose owners do not agree to it. EXECUTIVE MANSION, Washington, D.C.

To the Secretary of War, War Department, Washington, D.C.

IT IS ORDERED THAT: -

- 1. At all joint bases of supply and ports of embarkation and disembarkation of joint expeditions of the army and navy, the Military authorities shall have command ashore and the Senior Naval Officer shall have command afloat.
- 2. A Maval Officer not below the rank of Lieutenant Commander will be assigned to duty at these ports with the title of Captain of the Port, who will represent the Senior Naval Officer in all matters relating to the administration of the local affairs of the port.
- 3. An Army Officer not below the rank of Major will be assigned to duty at these ports ashore with the title of Military Landing Officer who will #represent the Cormandant of the Base in all matters relating to the landing or loading of troops or supplies.
- 4. The Captain of the Port will have authority over the Harbor Master if there be one and if not he will perform the duties of that position. He will have the pilots of the port under his charge. He will enforce the quarantine regulations.
- 5. He or his representatives will board every vessel entering the port and will assign to them, berths or anchorages. He will have authority to inspect the papers or the cargo of any vessels entering the port.
- 6. The Masters of all chartered vessels will report to him upon arrival, in general terms, the character of their cargoes. He will have the authority to control the movements of vessels after their arrival at the port.
- 7. He will transmit without delay to the Commandant of the Base or the Military Landing Officer the reports of arrivals of vessels engaged in carrying troops or army supplies, and will see that these

vessels are sent to a convenient berth for unloading as soon as he is informed by the Landing Officer that he is ready to receive them.

- 8. Upon a vessel completing her ; loading or unloading he will be informed by the Landing Officer that she is ready to sail, whereupon he will see that she leaves the wharf without delay, and is assigned to an anchorage if she is not to sail at once. If she is to proceed under convoy he will see that her Commanding Officer is furnished with all the Regulations, private signals, etc. that may be decided upon by the Senior Naval Officer.
- 9. The Military Authorities will select and charter such vessels as they may deem suited to ther needs, but every vessel engaged in the sea transport or sailing under convoy with military supplies or troops will be commanded by a commissioned Naval Officer. The Navy Department will either order an officer to the command or will commission the Master of the vessel. If the Department has ordered no one and the vessel is required for immediate use the Senior Naval Officer at the Base or of the convoy will order an officer to temporary duty of command until the Navy Department takes action.

In the Charter Party the substance of the above paragraph will always appear, and no vessel will be employed on this duty whose owners do not agree to it.