



# The CDSG Newsletter



The Coast Defense Study Group, Inc. – August 2012



## Chairman's Message

Chris Zeeman

Well it seems that summer is breezing along - things have been very busy at Fort Adams this summer. However, I'd like to take time to thank our hard-working volunteers. We have had the support of a number of CDSG members here at Fort Adams. They have shown consistent effort over the years, and we've accomplished a great deal. I can only hope that other sites have had similar assistance from their local members.

A great deal of work still needs to be done. We are still searching for authors and articles for both the newsletter and the journal. Right now we depend on the efforts of just a handful of authors. We need to develop our range of folks who can contribute to the publications. In addition, we are still looking for volunteers for the CDSG Representative program. Please consider acting as the CDSG's local representative in your area. Interested parties should contact Karl Fritz (vexillarii@aol.com). Also - we are looking for worthy projects to support through the CDSG Fund - so if you have something in mind, please write it up and send it along.

Finally I'd like to welcome Norman Scarpulla as our newest CDSG director!

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## Result of 2012 CDSG Election

The CDSG Teller reports the election of Norman Scarpulla as the next CDSG director. Phil Payette's term will end on October 1, 2012, while Norm's term will begin at that time and run for the next three years. Therefore, the directors for the next year will be Chris Zeeman, Mike Fiorini, and Norm Scarpulla. They will select who will be Chairman of the Board for the coming year as well as the Chairmen for all the committees. The CDSG Board of Directors thanks both David Larsen and Norm Scarpulla for their willingness to serve the CDSG in this role. Next year's Nomination committee will be Tom Kavanagh and Charles Bogart (Chair).

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## CDSG Fund Recognizes CDSG volunteers for their efforts in 2011

The CDSG Fund held the 17th Annual CDSG Worker's Dinner in recognition for CDSG member that volunteered their efforts over the past year for the CDSG. The dinner was held on Wednesday, May 16, 2012 at the Social Bar & Grill in Kingston, Canada. The following CDSG members were thanked for volunteer efforts (and the committees that worked on): Mark Berhow (Journal/News, Website, Press, Project), Bolling Smith (Journal/News), Chris Zeeman (Website), Alan Hardy (Membership), Glen Williford (Audit), Karl Fritz (Representatives), Jon Prostack (Press), Tom Batha

## CDSG Meeting and Tour Calendar

Please advise Terry McGovern of any additions or changes at [tcmcgovern@att.net](mailto:tcmcgovern@att.net).

Coast Defense Study Group Annual Conference  
April 24-28, 2013  
Pensacola/Mobile  
David Ogden, [david\\_ogden@nps.gov](mailto:david_ogden@nps.gov)

Coast Defense Study Group Special Tour  
June 15 - 25, 2013  
Norway  
Terry McGovern, [tcmcgovern@att.net](mailto:tcmcgovern@att.net)

## Other Meetings and Tours

August 31- September 3, 2012  
Falmouth, England  
Fortress Study Group Annual Conference  
Alistair Graham Kerr, [psgeditor@hotmail.com](mailto:psgeditor@hotmail.com)

September 13 - 17, 2012  
Channel Islands  
Assn Saint Maurice d'Etudes Militaire Tour  
Luc Fellay, [lucfellay@bluewin.ch](mailto:lucfellay@bluewin.ch)

September 21 - 23, 2012  
Koblentz  
Deutsche Gesellschaft für Festungsforschung Annual Meeting  
Andreas Kupka, [anja.reichert@uni-trier.de](mailto:anja.reichert@uni-trier.de)

October 6-7, 2012  
International Fortification Forum Congress  
Toul, France  
Regis Berger, [fort@villey-le-sec.com](mailto:fort@villey-le-sec.com)

October 13, 2012  
Willemstad, the Netherlands  
Menno van Coehorn Tour  
Frits van Horn, [frits@villey-le-sec.com](mailto:frits@villey-le-sec.com)

November 2 - 3, 2012  
Luxembourg  
International Fortress Council Annual Meeting  
Luc Fellay, [lucfellay@bluewin.ch](mailto:lucfellay@bluewin.ch)

November 10, 2012  
Prague, Czech Republic  
CAMH Annual Conference  
Vladimir Kupka, [info@kvh-prada.cz](mailto:info@kvh-prada.cz)

November 15 - 16, 2012  
 Pessac, France  
 Association Vauban Meeting  
 Nicolas Meynen, nicolas.meynen@u-bordeaux3.fr

February 2013  
 Great Fortress Tour to India/Rajasthan  
 Private Fortress/Bunker Tour  
 Hans-Rudolf Neumann, hrv.neumann@t-online.de

May 2013  
 Southern Ireland  
 Fortress Study Group Overseas Tour  
 Bill Clements, bill\_clements@btinternet.com

May 2013  
 Council on America's Military Past Annual Conference  
 Dayton, OH  
 Martin Gordon, martinkgordon@gmail.com

August 31 - September 3, 2013  
 Western Wales  
 Fortress Study Group Annual Conference  
 Jonathon Berry, psgeditor@hotmail.com

Sept 2013  
 Kustrin, Germany  
 Deutsche Gesellschaft für Festungsforschung Annual Meeting  
 Andreas Kupka, anja.reichert@uni-trier.de

October 2013  
 Utrecht the Netherlands  
 International Fortress Council Annual Meeting  
 Luc Fellay, lucfellay@bluewin.ch

May 2014  
 The Pyrenees, Spain and France  
 Fortress Study Group Overseas Tour  
 Mike and Ann Brock, kjp22@supanet.com

(Press), John Weaver (Conference), Tom Kavanagh (Press), Terry McGovern (Press, Finance, Membership), Gordon Bliss (Preservation), and Charles Bogart (Nominations). The CDSG Fund urge other CDSG members to volunteer their time and effort for the CDSG so they too can be honored at next year's annual dinner.

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### Preservation Committee Report

Gordon Bliss

This will be a very minimal report this time. Apart from the CDSG conference in May, I've heard very little new, and have had almost no discussions concerning preservation. I had hoped to visit Fort Andrews in Boston by now to report on what things look like there, but that has yet to happen. I certainly am going to work to do so sometime this year. Likewise, I have nothing new

on Fort Monroe or the situation at the Washington State Parks at the current time. Stay tuned for more information next time, either in separate newsletter articles, or in my column (or both).

One positive note, which has been chronicled here in the newsletter, is the four 16-inch gun barrels that have been saved for display in coast defense locations. One has already been transported to Fort Miles in Delaware, another will be moved to Battery Townsley outside San Francisco in September, one is being moved to Arizona, and the fourth is going to a battery in the Cape Charles Wildlife Refuge.

At Fort Adams (Newport RI), thanks to some dedicated volunteers, vegetation clearance work continues at the Advanced Redoubt. The redoubt itself has largely been cleared and most of what is left is some of the larger trees. More clean up is scheduled for this month.

If you have a Preservation issue, or for further information on any of the items I've mentioned, contact the Preservation Committee Chair, Gordon Bliss, at preservation@cdsg.org.

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### CDSG Business Meeting

May 18, 2012  
 Mark Berhow

The business meeting was conducted by Past Chairman Charles Bogart.

The fiscal report was given by Terry McGovern. The fiscal shape of the organization is good. The 2012 dues remained the same as the past three years. Dues rates will be driven by postal and publication production costs. Membership is holding steady at just under 400 members. The fund contributed to two projects last year and is looking for more requests. The Press has pretty much broken even on all its productions, except for the Endicott Report book and the Totten Report book.

The conference for next year is set for April 24-28, 2013, in Pensacola, FL. Terry is also working on a special tour to Norway for June 15 to 25, with two tours, a long and a short one. Glen is looking into a tour to Cuba, no detail as yet. Andy Grant will be arranging a CDSG tour to the Philippines in February 2014. The cost will be around \$2500 from San Francisco and the plan is to visit all five forts plus sites in Manila and possibly Bataan. Glen Williford has been approached about setting up a tour to Dutch Harbor and Kodiak in 2015. Work is progressing on setting up a Los Angeles/San Diego Conference in 2014, and Delaware has been suggested for 2015. A question was raised as to whether there was any interesting in going back to Panama. Also raised was the question as to whether there was any interest in having a special CDSG tour of the forts of Lake Champlain.

The Educational Committee is pretty much dead in the water.

The Nomination Committee has fulfilled their duties this year with two nominees and will likely be chaired by Charlie Bogart again next year.

The Publications Committee is steaming along as usual. The usual plea for more article submissions was made.

The Preservation Committee is tracking events at Fort Monroe. Updates from the field are really needed so this information can be passed on to the membership. Washington State Parks is

going through a fiscal crisis and the current plan is not to close any parks, but staff and interpretive staff are being cut back. The committee noted the efforts being made at Fort Adams with both volunteer labor and foundation support.

The Outreach/Representative Committee is being revitalized by Karl Fritz. Both volunteers to be site representatives and reports from the field are needed to make this an effective tool to support seacoast defense preservation and interpretation. Once on board, reps and members are urged to keep in contact with both Karl and Gordon Bliss. It is hoped this will result in stronger participation by folks working at the various locations.

The meeting was adjourned at 7:30 PM.

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## Summary of the 2012 Member Survey Responses

Three questions posed to our membership via our 2012 election ballot to provide member's an opportunity to provide feedback to our Board of Directors. Here is a sample of responses. All responses were provided to the board for their review.

The first question was "How would you rate the CDSG's current publications and activities". Sample responses are: The publications are very in-depth and exhibits are great; Excellent; Publications – Good and Activities – 16' guns is great; Current publications are great; Both are very good. I can't see any way to improve on anything given the all-volunteer nature of the CDSG; Excellent; Ok; Excellent – more activities; Need regional CDSG meetings; Very Good; Publications – Great. Leadership – Poor. More Preservation activities; Publications are excellent, wish there were more; Excellent; Excellent; High quality. Sometimes very long stories giving details of specific forts or area may tend to bore some, but I know other who have been their or who help to go, will appreciate them; Excellent!! ; Very Good; Excellent pubs – continue special trips.; Publications and activities are first rate. Happy to see some new authors emerging; Keep up the good work!; Very Good.; The best.; Good – Always room to grow/improve, but overall good.; Excellent job on both.; Current publications and activities are adequate – they fit the organization.; Very Good.; Excellent.; Top Notch. A lot of work goes into them. BW and Mark are really dedicated pros.; Excellent – I would like to see a special fund created to publish extra issues of the Journal for the publication of Bill Gaines's Harbor Defense series, which would get them published sooner, without interfering with the publication of regular articles and book reviews.; Outstanding; Excellent.; Journal is excellent! Website good but needs menu system for easier navigation and adding cc/PayPal would be great!; The form and format of the newsletter & journal are superior. However the CDSG is drifting more & more toward an international format and seems to have lost its technical content. Just because an subject has been done in the past should not mean it can't be done again and revisited; Publications are great!; About as much as I can handle, I think.; Top notch. I can't say enough about the enthusiasm, abilities, and efforts of the officers and working members.; Very Good!; Excellent publications. Would like to see more activities in my

region.; Great! If we can only distribute these publications out to bookstores, etc. so the general public can purchase and learn what the organization is all about.; The CDSG Press should publish a guide book on America's seacoast fortifications.; The CD Journal is the best non-profit, volunteer publication I've seen.; Current publications and activities are first-class excellent. CDSG staff/volunteers doing a great job; I like the Newsletter and Journal very much; Quite good for an organization with few people/members who actually contribute.

The second question was "What should be the future of the CDSG – more of the same or new goals/programs": Sample responses are: Increased emphasis on recruiting and fostering new members; Maybe locating and adding in more personal war experiences and stories, and not just technical or construction details; More members; CD Site owner database needed.; More of the same for now; Stay on same course.; Same.; Preservation and membership.; What happened to the Representative/Outreach committee? More preservation.; Need to develop a capacity to support successful restoration, preservation, and interpretation of sites; Membership Growth – Get today's site owners to join.; Outreach to site owners.; Continue current programs, expand outreach efforts.; An attempt to bring the legacy of the coast defenses of the US, especially the existing structures, to the public's awareness.; Stay the course, but consider new goals/programs as the opportunity arises.; Membership expansion – Signage with photos at forts; More of the same.; More articles about Coast Artillery that saw combat in various conflicts.; Preservation and Growth.; Consider expanding more from the core brick/stone/concrete.; The same seems a good plan.; More of the same.; The same, but with a special emphasis on reaching out for new members.; A continuation of the present – Tours (for education and information), publications, seminars. Integration with history; Haven't seen an article on how different emplacement stand up to bombardment; Stick with the current program; I would like to see more active participation by the membership.; Regional and/or local published field guides for the forts.; Then and now photo books on coast defense installations.; Continue what we do and focus on building membership and site representative program.; I would like to see more CDSG organized or sponsored work parties for battery cleanup, such as what was done at Fort Washington. I enjoy that volunteer work very much.; I like the current direction and appreciate the fine balance of learning & preservation.; Publish photo collection and history for each of the harbor defense installations.; More of the same, giving even more emphases to preservation and education; The BOD should work more closely with the CDSG Representative program.; More networking to obtain new members.; Require each member to recruit one new member each year.; The CDSG has failed to reach out to the owners of former coast defense sites. More of the same, with new/younger members; We need to educate those owners on the historic value and need to preserve these structures. We need a program directed at those hundred or so owners!; Increasing web/internet presence is a good start, a good way to reach new members – Perhaps include notes on basic site interpretation; The CDSG needs to impact the local forts. We need reps that actively visit all the local sites. Forma-

tion of local CDSG chapters to assist in “care and feeding” of sites would be great.; CDSG should try to gain more members so that we can have more impact on preservation issues.; Investigate the possibility of the CDSG winning grants from foundations to expand its impact and reach.; Re-Evaluate original goals and carryout – more interactions with existing forts/museums/parks; “Then and Now” photographs studies of overseas and continental harbor defenses.; Maybe advertise in military publications; More of the same plus more lobbying and funding for preservation of coastal defenses; A larger web footprint that included taking credit cards would be great.; More advertising for new members and more efforts in preserving former coast defense sites; Only thing I would like to see are videos of the guns in actions. Training films are good, too; Greater outreach efforts – to attract membership – Essentially to come out of the box!!!

The third question was “Where should the CDSG hold its future conferences and special tours – and would you organize one?”. Sample responses are: Conferences should be to the most threatened sites; Special tours to Prince Rupert, BC, St. John, NB, Newfoundland, and Dutch Harbor; Conferences at Columbia River and Pensacola/Mobile – Tours to Turkey, Bermuda, and Norway.; As I live in the Northeast, more events up this way would be great!; The present schedule seems to be ok for those able to attend.; Delaware River – Yes.; Norway.; More tours – Panama and Alaska.; Conference to Los Angeles and San Diego.; Conference – New York.; Conference – Los Angeles.; You are doing great – unfortunately I cannot help at this time.; Tour to Latin America.; Delaware/NJ area, Hawaii, and Bermuda.; Am unable to attend either conferences or tours so have no input on this subject.; Hawaii would be good. Perhaps some of the inland River forts.; I enjoyed the Great Lakes/Northern Border and would love to see it again in a few years; I am looking forward to one in Southern California. Late April – May dates better than late March.; Repeat harbor defense, but with a limited daily schedule that allows the evening program to begin earlier.; Schedule the tour/conferences to cover the phases of CA history at the sites that best show the phase.; Special tours to Dutch Harbor, Alaska and St. John’s, New Brunswick.; Conferences to LA/San Diego and Puerto Rico. Tours to Norway; Set the conferences in an order then ask for volunteers. If unavailable skip to next one on the list.; Tour to Florida – Fort Clinch, St John’s Bluff, Saint Augustine, etc. plus Tampa.; The CDSG should hold a tour to Panama. We have been to Manila Bay three times since our tour to the Canal Zone in 1993.; Too old to make a tour. Repeat meetings with evolution of weapons and emplacements.; We should include a work party during every CDSG conference so we can put our back where our mouth is on the preservation of fort sites.; I could help in Hawaii; I would like to attend a tour to the coast defenses in Norway/Sweden.; With certain minor adjustments, repeat Annual Conference sequence. Make sure to mix East and West coast and Large and Small defenses. No repeats within 10 years. ; Conferences to the Gulf Coast - New Orleans, Mobile, Pensacola.; What happened to the tour to the defenses of Australia and New Zealand?; Annual meetings in no particular order just spread them out geographically (west coast ever 5 years).; Delaware Valley; Stuck in Minnesota, no coast defense here.

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## Battery Townsley’s 16-inch Gun Slated to Arrive in September

John Martini

GGNRA park historian Steve Haller has confirmed that after competitive bidding, Bigge Crane & Rigging Co. has been awarded the contract to move the 16-inch gun barrel from Hawthorne, NV, to Battery Townsley. Bigge Crane is the same firm that moved the original guns to Townsley in 1939. Upon arrival, the gun will be temporarily displayed outside the entrance to casemate No. 2 at Battery Townsley until a replica carriage can be fabricated inside the casemate for permanent display.

The 16-in gun will be transported from Hawthorne September 26 to 28, and arrive at Fort Cronkhite sometime on September 28. It will be parked along Bunker Road for the weekend of the 29 and 30, and installed at Battery Townsley on Monday October 1.

The Townsley VIPs may be asked to do some prep work on the gun during the weekend of 9/29 and 9/30, specifically cleaning and painting the two areas on the underside of the barrel where it will come in contact with the concrete cradle. These areas will be inaccessible for several years, so it is critical we get preservative coatings applied before the gun is moved to the battery.

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## Book Notice

*Forgotten Sentinels*

By J.P. Meador

Published by Xlibris

ISBN 978-1-4691-9281 (softcover) 978-4691-9282-6 (eBook)

www.xlibris.com, www.amazon.com,

www.barnesandnoble.com

*Forgotten Sentinels* is a collection of poems that honor the long abandoned seacoast fortifications that dot the Pacific coastline, from Port Townsend, WA, to San Diego, CA. Recalling the strategic imperatives that led to the construction of these installations, the poems reflect on an era that has been lost or simply ignored by the current generation. The author captures his impressions of the structures, the personnel who manned them, and their times. His insights illustrate the importance of keeping history alive and offer a warning for those who would forget the past.

This is a nice collection of poems that have a military flavor. If you are interested in poetry or know someone who is, this would be a nice collection to bridge gap to military history.

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## Friends and Parks Bureau Dedicate Re-opening of Fort Powder Magazine

A space dedicated to providing the explosive power for massive cannons which once ringed the Fort Knox State Historic site was reopened to the public, Saturday, May 12. In a dedication ceremony marking the reopening of a key powder magazine to the public, Friends of Fort Knox Board Chair Carol Weston and Maine Bureau of Parks and Lands Director Will Harris cut a red ribbon marking the occasion. The friends group funded

the restoration project that cost in excess of \$28,000 and was completed earlier this year. A state parks official noted that the powder magazine had been closed to the public for 50 years due to safety concerns.

The restoration project involved the removal of decayed wood throughout the magazine and reconstruction. An original wooden wall, from original construction in the mid-1860s, was able to be retained during the restoration project. Electricity was brought into the powder magazine to illuminate it for public viewing.

Interpretive materials line the restored powder magazine and include replica gunpowder barrels, ammunition boxes, cannon balls, before and after project photos, and interpretive plaques. Maine Historic Site Specialist Tom Desjardin was responsible for developing the interpretive plaques.

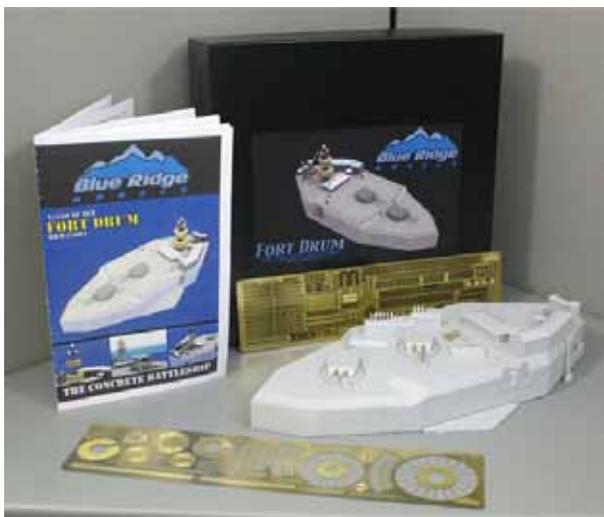
The powder magazine would have stored gunpowder for the massive Rodman cannons, 24-pounder flank howitzers, and rifles. Soldiers had to be very careful when entering the magazine to ensure an errant spark from a belt buckle or shoe did not ignite the powder. Ordnance manuals from the period contain exacting standards to prevent gunpowder explosions.

The Fort Knox State Historic site and Penobscot Narrows Observatory are open each day, starting at 9 AM, up to and including Halloween. The Friends of Fort Knox sponsor numerous special events throughout the season and a list of the happenings may be found on their web site [fortknox.maine-guide.com](http://fortknox.maine-guide.com)

The mission of the Friends of Fort Knox is to preserve the fort and enhance its educational, cultural, and economic value for the people of Maine. The friends group manages Fort Knox on behalf of the Maine Bureau of Parks and Lands, who own the site for the people of Maine.

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### New Fort Drum Model Kit



Blue Ridge Models has released a second model kit, a 1/350 model of Concrete Battleship Fort Drum. Please check out [www.BlueRidgeModel.com](http://www.BlueRidgeModel.com) or [www.PacificFront.com](http://www.PacificFront.com) for several pictures of the kit.

Retail Price: \$249.95

Introductory Sale Price: \$199.95

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### Dispatches from Fort Wayne, Detroit

Jonathan A. Mycek

The clear blue sky let the sun shine on the burnt-red brick buildings. A cool river breeze moved the green grass to and fro and made the flags restless. If not for the heavy weapons fire, it would have been a perfect late spring afternoon. Sharp-cracking Mausers answered barking Garands and chattering Thompsons. The heavy crump of a grenade momentarily interrupted the crew of an MG-42. The intermittent combat had lasted just a few short hours, but to the paratroopers, infantrymen, and resistance fighters involved, it had been an eternity. Amid the flurry of a frantic Lee-Enfield “mad minute,” the battle unexpectedly crescendoed. A whistle sounded over the deadly din and a sergeant major’s deep baritone called out the next order, “LUNCH!” As quickly as it started, the skirmish ended. The wounded and dead rejoined their comrades unscathed, the single-minded combatants transformed into friendly re-enactors, and the riverside French town became the garrison houses of Fort Wayne, Detroit, once again.

With summer’s arrival, activity at the fort shifted into gear. Despite the early heat, hundreds of soccer players scurried on the Riverfront Parade Ground to the sounds of smooth jazz and the smell of frying elephant ears. Luckily, the re-enactor’s gunfire did little to disrupt the tournament. As the games continued, the Historic Fort Wayne Coalition (HFWC) cut grass, glazed windows, and replaced damaged sections of perimeter fence. Last March, the HFWC kicked things off with an energized jolt during the National Civil War Preservation Trust Parks Day. University of Michigan students joined the HFWC in removing winter’s detritus to prepare for summer.

The weekend of June 22 saw thousands attend the official kick-off of summer in the Motor City – River Days 2012. Presented by the Detroit Riverfront Conservancy, the 3-day event included rides, music, art, and, this year, Historic Fort Wayne. Though the fort is over three miles downriver, re-enactors and volunteers from the coalition displayed the site’s history and ensured visitors had driving directions to the historic 83 acres. Passers-by also learned of this summer’s commemorative events.

The battle at Malvern Hill was the keynote re-enactment at this July’s Civil War Days. The excessive heat and rotten-egg smell of burned black powder transported re-enactor and public alike to McClellan’s aborted 1862 campaign up the Virginia Peninsula. The two day signature event only prepared the way for upcoming vintage baseball, Revolutionary War, and a War of 1812 Bicentennial weekend.

This August, Fort Wayne remembers Metro-Detroit’s involvement in the War of 1812, specifically Detroit’s surrender. Fort Wayne will represent its dubious predecessor, Fort Shelby, as re-enactors will demonstrate early 19<sup>th</sup> century military and civilian life. Two new historical markers will also be dedicated – one commemorating the British attack and another for the Treaty of Springwells. Look to <http://www.historicfortwaynecoalition.com/1812.html> for more details.

Assuming the weather cooperates, and Detroit’s ongoing financial problems don’t darken Fort Wayne’s front gate, the balance of 2012 promises to provide historitainment for all time periods and interests.

Thanks to John Weaver and all the CDSG Members who braved the wilds of Southwest Detroit to visit Fort Wayne in May. Also, much gratitude to Mr. William Gaines for graciously sharing his Fort Wayne research to enhance my planned presentation.

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### 1930s Photos from Panama

Nyle C. Monday

Back in the early 1960s I was given some photographs by a man who had been warrant officer in the army from at least the 1930s until after WWII. He had spent a lot of time in Panama, and I believe the photos he gave me were taken there before WWII. Here are four of the photos from this collection.

My father was initially assigned to the CAC in 1941, then served in the 421st Rocket Field Artillery Bn., and was a member of the 502 AAA Bn. when he got out at the end of WWII. His uncle served in the 58th Coast Artillery Co. at Fort Monroe, VA, from 1911 to 1914.



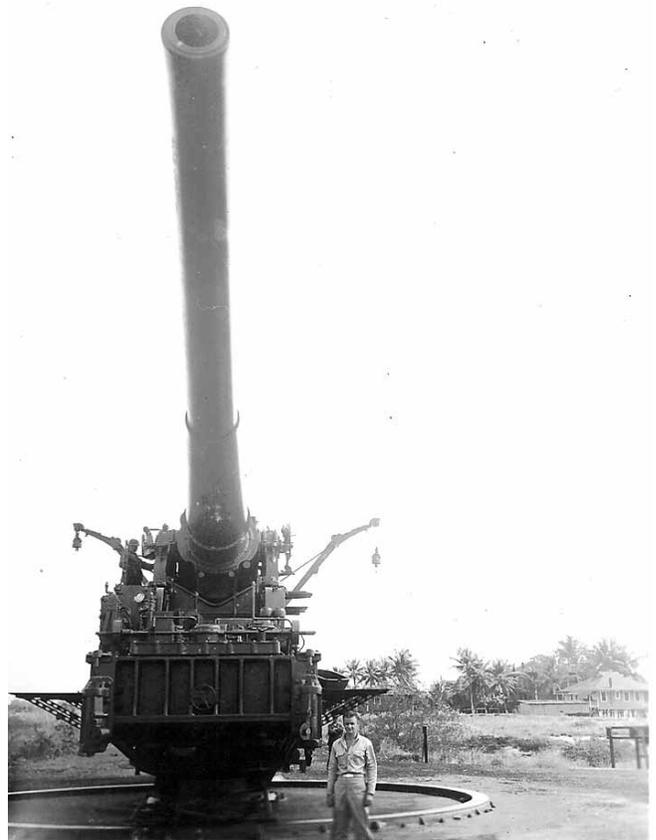
Saluting guns at a fort somewhere in Panama. On the left is 3-inch field gun on M1902 carriage and on the right is a barrel taken from an M1888 or M1890 3.2-inch ML rifle. Nyle Monday collection



16-inch gun on barbettes carriage M1919M1 of either Battery Haan or Murray, Fort Kobbe, PCZ, 1930s. Nyle Monday collection



12-inch gun on barbettes carriage M1917 of either Battery Pratt or MacKenzie, Fort Sherman, 1930s. Nyle Monday collection



14-inch gun on railway carriage M1920, on firing platform at either Fort Grant or Fort Randolph, 1930s. Nyle Monday collection

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### CDSG & CAMP and National Archaeological Day

Charles Bogart

The Archaeological Institute of America (AIA) is sponsoring National Archaeological Day on October 20, 2012. Think of CWPT National Park day. I contacted the University of Kentucky Archaeological Department and they were interested in overseeing

such a day at Fort Boone Civil War Battle Site where I am the tour guide. We have entered into an agreement that on Oct 20 Frankfort Historic Sites and U of KY Archeological Department will hold a National Archaeological Day at Fort Boone in 2012 and 2013. Thought maybe some other forts and military sites might want to tap into this program. Check out AIA web site for more information.

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### Inspection Reports for Coast Artillery Posts

A thread of emails has come up lately concerning the information that can be found in inspection reports concerning coast artillery and antiaircraft artillery units and posts. The content of these reports is frequently interesting. One of the routine facts of life for coast artillery forts was inspections. Inspections could be by higher authority in the Coast Artillery Corps, such as coast artillery district commanders or even the chief of coast artillery, or they could be by commanders outside the Coast Artillery Corps, such as corps area commanders. These commanders might inspect in person, or they might delegate this duty to staff officers. Other inspections could be by supporting branches, such as the Signal Corps or the Quartermaster Corps.

At the College Park, MD, National Archives, Record Group 177, Records of the Office of the Chief of Coast Artillery (OCCA), Entry 8, contains the basic records of that office between 1918 and 1942. These records are arranged by the army decimal file system, which was inaugurated around the start of WWI. Decimal files 333 through 333.14 contain the OCCA reports of inspections of harbor defenses and forts. Bolling Smith wrote a nice article that describes where the intrepid researcher can find these reports in the National Archives - "Inspection Reports for Coast Artillery Posts," *Coast Defense Journal*, Vol. 16, Issue 4 (November 2002), pp. 84-85. Consult your back issues or contact Mark Berhow for a copy of the article.

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### Defending The Rideau Canal

Charles H. Bogart

In May 2012, CDSG visited Kingston, Ontario, Canada, and toured its harbor defenses. Kingston was home to a Royal Navy Dock Yard from 1788 to 1853. Thus, a series of seaward, or perhaps more correctly, lakeward fortifications were built to defend the dockyard. Yet there was another reason that powerful forts and outworks were built at Kingston. They were to defend the southern end of the Rideau Canal. Since the Rideau Canal was not part of the CDSG Conference, Mary Ann and I arrived a day early to tour the canal.

The War of 1812 ended, at its best, as a draw on the United States-Canadian border due to faulty U.S. strategy. The British military and naval authorities were all too aware that their whole defense of Lake Ontario and the territory farther west was able to hold out only because the U.S. never cut their supply line on the St. Lawrence River at Prescott, ON. If the American Army had held both Ogdensburg, NY, and Prescott, they could have



Map Courtesy of Parks Canada

stopped supplies from moving up the St. Lawrence River. This would have cut the supplies necessary to build and maintain the Royal Navy on Lake Erie and Lake Ontario to a trickle. The British army assumed that the U.S. Army, in their post-war critique of the campaign, would revise their strategy and strike at Prescott next time. Thus the British army set out to build a new supply route westward from Montreal to Kingston. This new supply route would be the Rideau Canal, built between 1826 and 1832 under the direction of Lt. Col. John By of the Royal Engineers.

The Rideau Canal runs 125.6 miles southwest from Ottawa, ON, on the Ottawa River, to Kingston, at the headwaters of the St. Lawrence River. Wartime boat traffic heading up the St. Lawrence River could bypass Ogdensburg by turning west up the Ottawa River at Montreal. At Ottawa, cargo would be offloaded from riverboats onto canal boats. These canal boats, pulled by horses, would traverse the Rideau Canal from Ottawa to Kingston. The canal, as built, used a series of river and lakes plus manmade cuts and 49 locks to overcome changes in elevation along the way. The summit of the Rideau Canal, 337.2 feet above the Ottawa River, is at Newboro, Mile 87.1. Kingston, just 38.5 miles southwest of Newboro, is reached by a descent of 187.2 feet to the St. Lawrence River.

The 49 locks, as built, were 134 feet long and 33 feet wide, capable of floating a boat with a 5-foot draft. While some of the locks stood alone, others formed flights of stairs with two to four locks co-located at the site. The result was that the 49 locks were grouped around 23 lock stations. At Kingston Mill, the last locks before reaching the St. Lawrence River, a flight of four locks, 46-49, have a descent of 45 feet. Total cost of the canal was £800,000, or US \$4 million in the currency of the day.

Lieutenant Colonel By sought to make the Rideau Canal safe from attacks by American forces. While the defenses of Kingston prevented a direct attack on the canal, to protect against attack by raiders intent upon sabotaging the locks, Colonel By proposed that each lock or flight of locks be defended by a blockhouse. However, lack of money resulted in only four blockhouses being built: Merrickville (Locks 21-23), Narrows (Lock 35), Newboro (Lock 36), and Kingston Mills (Locks 46-49),

The Merrickville Blockhouse was to have been the pattern upon which the other blockhouses were to be built. The first floor was built of masonry, 4 feet thick at the bottom and 3 feet thick at the top. The second floor was of wood but its sides and roof were covered in tin. The 33½-foot blockhouse was surrounded by a dry ditch. A second blockhouse of the same type was started at

Burritis Rapids (Lock 17) but constructed only to the first level. It was later converted into a defensive lock keeper's house.

The other three blockhouses were built with a ground level of stone and an upper floor of wood. As built, these three blockhouses were 24 feet to a side, with masonry walls 3 feet thick at ground level, while the upper level was built of squared timbers, 28 feet to a side. Access was by a stairway from the ground to an outer door on the second floor. These blockhouses were designed to accommodate 20 men. The three remaining blockhouses have been modified by having their lower level firing ports bricked up and doors cut into their walls to provide access to restroom facilities.

In 1838, during the Patriots' Rebellion, 13 fortified lock keepers' houses were constructed. Built of stone, these single-story fortified structures were located to command the locks. Their sides were pierced with musket firing ports. The following locks had fortified lock keepers' houses: Lower Brewers (Lock 45), Upper Brewers (Locks 43-44), Jones Falls (Locks 39-42), Davis Mills (Lock 38), Chaffey's (Lock 37), Poonamalie (Lock 32), Smith Falls (Lock 31), Smiths Falls (Lock 29), Old Slys (Locks 26-27), Edmonds (Lock 25), Kilmarnock (Lock 24), Clowes (Lock 20),



The Narrows Blockhouse at Lock 35 sits on the east bank of the canal. Its stairway to the second floor is still in use. Lock 35 with its rolling bridge is directly behind the photographer.



The Newboro Blockhouse at Lock 36 is on the east bank of the canal. The staircase to the second floor is missing, a ground level doorway has been cut into the lower floor, and the lower floor firing ports are concreted in. Lock 36 is directly behind the photographer.



A view of Lock 35 with the rolling bridge in the distance. The blockhouse is just out of the picture to the left.



Lock 36 at Newboro, looking toward Kingston. The blockhouse is directly behind the photographer.

and Ottawa (Locks 1-8). Unfortunately, over the years, a number of these fortified lock keeper's houses have been re-modeled and their musket firing ports closed. The result is that they look no different from the non-fortified lock keeper houses.



Kingston Mills Lock 46-49. A modern bridge has replaced the rolling bridge that crossed over the upper lock. In the background is the blockhouse.



The Kingston Mill Blockhouse lower level still retains its musket firing ports.



The Rideau Canal Fortified Lock Master House, Jones Falls Lock 39-42. The Jones Falls fortified lock master house is located above the canal. It retains its original configuration.

In order that the canal serve as a wet moat to hinder movement of enemy troops, bridges across the canal were only provided at a few sites, all adjacent to locks and dead level from the top of one canal bank to the other. These bridges were of two types: swing or rolling. When opened, they rested on the same bank as the blockhouse or fortified lock keeper's house.

Up through 1856, the British army, especially during the Patriot's War (1837-1838) and the Lower Canada Rebellion (1837), garrisoned the blockhouses. After 1856, the responsibility of garrisoning these positions was assumed by the local militia, who manned the blockhouses and fortified lock keepers' houses from 1866-77 during the Fenian Raids.

As a side note, a companion fort to Fort Henry was proposed to be built at Ottawa to defend the north end of the Rideau Canal. Except for some preliminary engineer reconnaissance of the area, no plan of a fort was even sketched.

Today the Rideau Canal is operated by Parks Canada and is open during the summer months for use by pleasure boats.



Lower Brewers Lock 45: The lockmaster house has been modified by the addition of a second floor and a first floor bump out. Next to it is a rolling bridge.



A view from the fortified lock master house down to the canal basin and lock.

\* \* \* \* \*

### Update on the Harbor Defenses of Pensacola/Mobile Bay

Site of the CDSG Annual Conference from April 24-28, 2013  
David P. Ogden

Planning is proceeding for the 31<sup>st</sup> Annual Conference of the CDSG at the Harbor Defenses of Pensacola and Mobile Bay. It promises to hold several pleasant surprises for members who have not visited these sites since our first conference here in 1994. In spite of several major hurricanes that have struck this area between

1995 and 2005, the sites to be visited have significantly improved. These two harbors, one a commercial port and the other home to a naval base since 1825, exhibit an excellent collection of coast defense structures from the Third System, through the Endicott-Taft Era, into the Second World War, and we will see them all.

We will spend a full day at Fort Pickens, touring one of the finest collections of seacoast fortifications in the country. (Of course, I could be biased, having worked at Gulf Islands National Seashore for the past 27 years.) We should have access to all of the batteries normally closed to the public, including Batteries Cullum-Sevier (4-10" DC), BCN 234 (2-6" BC), Cooper (6" DC), Worth (8-12" M), and Langdon (2-12" BC). Since our last conference here, the park's collection of drawings have been digitized and will be available to attendees, as well as a number of historic documents collected during a recent Corps of Engineers project, and selections from the park's historic photograph collection, also recently digitized. The new museum at Fort Pickens, although about 2/3 natural history exhibits, has a model of the original fort and many previously unpublished historic photos on display, as well as the film of coast artillery firing from the Casemate Museum.

Almost all of the exhibits throughout the park have been replaced since Hurricane Ivan in 2004, so Fort Barrancas and the Advanced Redoubt will have something new for those who have not been here lately as well. Fort Barrancas, with its Spanish colonial water battery and the somewhat misnamed Advanced Redoubt, span 80 years of fortification history and are in excellent condition. We will spend a morning touring them before heading to Fort McRee after lunch. Although there are no new



Model of Fort Pickens in park museum. David Ogden.



Fort Pickens Parade. David Ogden.



Flank howitzers at Fort Pickens. David Ogden.



Batteries Cullum & Sevier, Fort Pickens. David Ogden.

exhibits at Fort McRee, we will be taking a short boat trip from the Pensacola Naval Air Station across the Intracoastal Waterway to the site for a look at Batteries Slemmer, Center, and BCN 233, possibly spending a couple of hours cleaning up this site while we are at it.

Over at Fort Morgan, much work has been done, thanks to funding for the 150<sup>th</sup> Anniversary of the Civil War. Reconstruc-



The 6 inch disappearing gun in Battery Cooper at Fort Pickens; Battery 234 is behind and to the left. David Ogden.



One of the Panama mounts with Battery 234 behind, Fort Pickens. David Ogden.



Battery Worth and the WW II-era HECP, Fort Pickens. David Ogden.



Battery Langdon, Fort Pickens. David Ogden.

tions of some of the siege lines from 1865, including a four-gun mortar battery, now grace the approaches to the fort. They have recently acquired and mounted a pair of flank howitzers in the southeast bastion, and much-needed repairs to the fort have begun. In addition to visiting Batteries Duportail, Thomas, and Schenck at the fort, we will have access to Battery Bowyer, beyond which are Battery Dearborn and "Battery Test", the 10" experimental emplacement. After lunch we will take the ferry to Fort Gaines across the bay.

Fort Gaines lacks the funding stream Fort Morgan enjoys but is looking remarkably well, and dramatically better from what I recall of my last visit about 20 years ago. They now have a resident blacksmith who has offered a demonstration during our visit should members find that interesting, and a small museum includes a variety of artifacts and exhibits. The fort's Endicott-Taft batteries seem to holding up well.

If you have an extra day to spend in the area, the National Museum of Naval Aviation and nearby Pensacola Lighthouse are always popular, Battleship Alabama Park is only an hour away, and for the ambitious, the Ship Island Ferry will be running out to Fort Massachusetts in Mississippi. So begin making plans now for a week on the Gulf Coast, April 24-28, 2013. A nice collection of seacoast fortifications rich in history await you.

\* \* \* \* \*

### Femörefortet - a Cold War museum

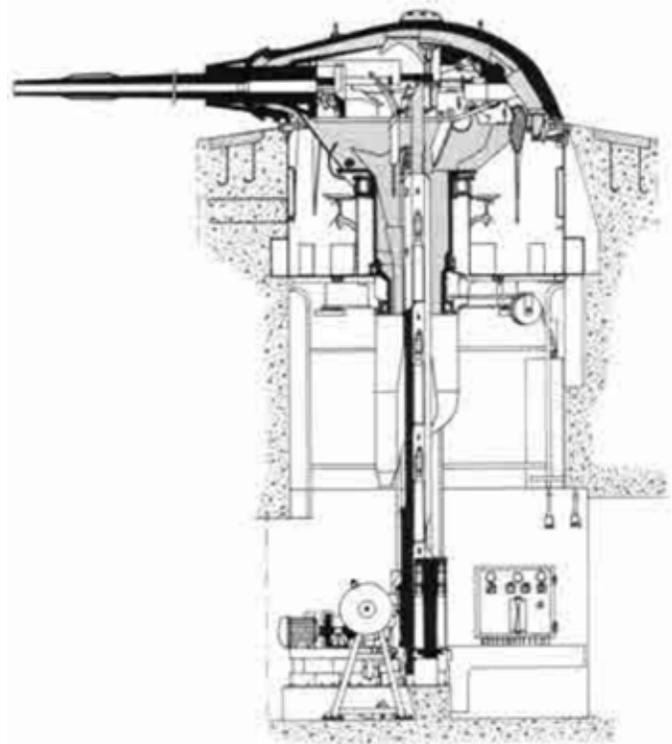
Terrance McGovern

In June 2012, I had an opportunity to have a wonderful tour of Femöre Fort due to the efforts of Lars Hansson, a member of the local society that maintains the coast artillery battery. Femöre Fort is located at Oxelösund, a coastal city on the Baltic coast of Sweden, 110 km south of Stockholm. Since the late 19th century it has been one of the most important harbors in the Baltic, due to its large iron and steel works. Because of the harbor's importance, it was decided that a coastal artillery battery should be built on the island of Femöre at the start of the 1960s. The fort is both a Cold War coastal artillery battery, with a protected underground control and command centre and a radar post. Building began in 1961, it was completed in 1963. The last time the guns were used was during training in 1997.



No. 1 gun looking out across the Baltic

Armaments comprise three 75mm Bofors Type 57 guns specially manufactured in 1957 and designed for coastal defense. The guns had a range of up to 13 km in a 360 degree arc of fire. Two types of ammunition were available: one for ship targets, with a delayed explosion after the round has penetrated the ship; and conventional ground shells, that exploded at impact or with a timer delay after it was fired. These could be used as air burst rounds, sending shrapnel over enemy troops below. The turrets were protected by 70mm thick steel plate. They were NBC protected as was the rest of the fort. It was built to survive a Hiroshima-power bomb 200 meters away. The turrets had two states of readiness: Battle readiness, when the barrel was pointed out to sea and nuclear readiness if a nuclear attack was likely, in which case the barrel was fixed horizontally onto an anchor point ensuring the turret would not move with the shock wave.



Plan of 75mm turret



Entering the gun block



No.2 gun from inside the turret well

The turret was crewed by three men, with a further four down below with the shell elevator enabling a possible maximum firing rate of 25 rounds per minute. However this was never used, as the tactic was to fire 5-10 shots, evaluate the accuracy and fire again. All three turrets shot at the same target, as controlled from the command centre. The shell lift elevator (bringing the shells up 9 meters) was the only thing needing power; therefore there was a stand-by manual winch also present.



Command post for the fort.



No. 2 Gun with camouflage covering

The fort is a self contained unit, with a full contingent of 70; 10 officers and 60 men. It was self- sufficient for 30 days. There were an additional 30 infantry soldiers above ground whose role was to provide all round defense and protect the external parts of the fort from enemy forces.

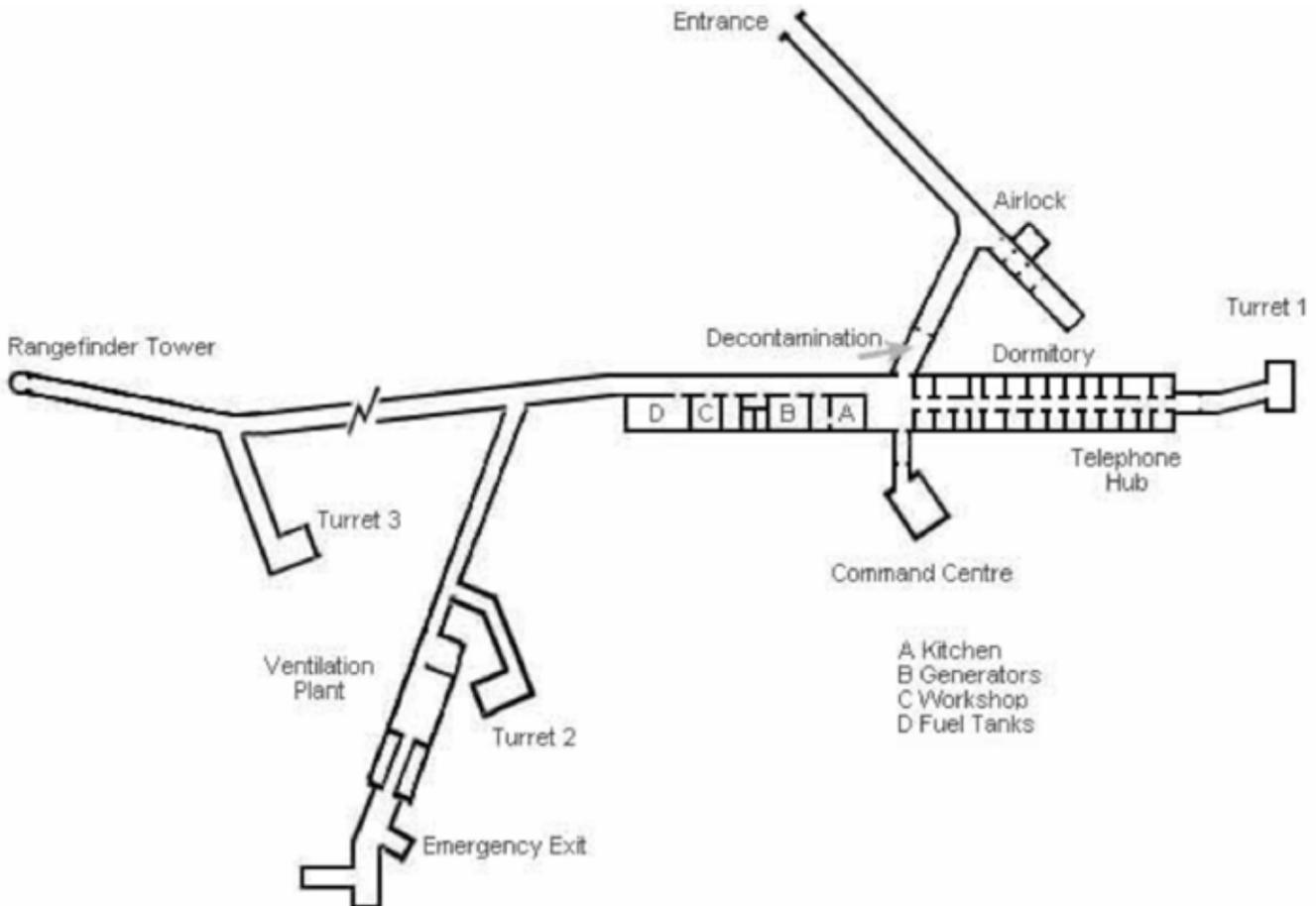
Sited on a small island, within the rock (granite) on the edge of the cliff, the function of this underground fort was to protect the inlet and of course, therefore Sweden from a seaborne assault by Warsaw Pact countries. The fort's weapons were designed to combat lightly-armored landing craft should they get within

the guns 13km range; they could also inflict minor damage on destroyers and other larger vessels. The guns could be rotated a full 360° and could fire on land targets if required.

The fort is one of the thirty 75mm gun batteries installed along the Swedish coast. Six were the same as Femöre Fort, and had a central spine tunnel linking all the areas and turrets. The rest had three separated turrets, plus an underground command centre linked only by telephone. Each unit had its own kitchen, generator, sleeping accommodation etc. These six had the designation 'First Series', the other 24 'Series 2' and 'Series 3'.

The large underground battery has an entrance tunnel, complete with many heavy blast doors. The tunnel drops down in level instead of a dog-leg for blast damage reduction. There is a glass 'porthole' in one of the blast doors in order to see along the corridor.

To provide for the basic needs of the occupants, there are two bore holes for water; one for salt water (toilets, and showers in emergency), and one for fresh water. There are two Volvo diesel generators, supplied by two 20-cu meter diesel tanks (20,000 liters each) giving 30 days continuous use. They would cut in as a result of a power failure from the grid, and one of the generators could supply all of the fort's power requirements. The kitchen could cater for the full contingent, plus the 30 soldiers outside, using a large potato peeler, an even larger food mixer/bread maker, cooker (steam), massive refrigerator, and large larder/food store. There are two toilet blocks and two shower cubicles.



Plan of Femore Fort

With six bays of ten triple bunks, each man had his own bunk. Within the fort there is a sick bay, officers accommodation, Senior officers room, telephone room, encryption room (next to Senior officers room, with a hatch for passing confidential messages), various storage rooms for food and spare parts, a large common room/dining area is at the centre of the fort, a workshop with machine tools for engineering repairs of the fort and its guns, a full air conditioning and filtration plant room, a drinking water storage and filtration room which also contains the fire detection system. There is an emergency exit leading off of the main spine corridor up to the surface via a spiral staircase and multiple blast doors

The fort is well worth a visit. Thanks to Lars Hansson for provide us a great tour of Femorefortet.

**Contact Information:**

Oxelösund Tourist Information  
 Phone +46 155 383 50  
 www.femorefortet.se

\* \* \* \* \*

**2<sup>nd</sup> Update - Special CDSG Tour to the Coast Defenses of Norway June 15 to 25, 2013**

Terrance McGovern



*Gneisenau's* Cäsar turret with its 28cm guns survives Austrått Fort, Ørlandet, Norway

As announced in February 2012 CDSG Newsletter, our long-time CDSG member in Norway, Svein Wiiger Olsen, has agreed to work with me to organizing a special CDSG tour to the **Coast Defenses of Norway** for June 2013 (June 15 - June 25 working dates). This once in a lifetime tour will visit the world's best collection of surviving coast artillery. We will focus on visiting the surviving large caliber guns, as well as other wonderful coast defense forts located near these "big guns" (Oslofjord, Kristiansand, Trondheim, and Harstad). These big guns (all bigger than 11-inch) are located throughout the country so travel times are long and costs will be high. The summer cost to fly to Norway from the Washington, D.C. area is currently about \$1,100 (round-trip, coach). The in-country cost (hotels, rental cars, food, boats, and airplanes) is estimated to be \$2,800. The tour will be 10 days long plus flight time to and from Norway.

We are collecting a **US\$100.00 non-refundable deposit** from those wanting to attend this special tour. We have already received deposits from 25 tour members, so if you want to attend this tour

please send your payment to Terry McGovern (make checks out to Terry McGovern) as soon as possible. This deposit will be use for common expenses. Please send the deposit to:

Terry McGovern  
 1700 Oak Lane  
 McLean, Virginia 22101 USA  
 tcmcgovern@att.net  
 703-934-3661

Please also send me your contact details and passport details (number, date of birth, expiry date). There will be only a limited number of slots for this tour, so don't delay in sending me your deposit. Attendance will be on a "first paid, first served" basis.

\* \* \* \* \*

**Canadians seeking to dispose of HARP Project material**

Terrance McGovern



HARP Site in Barbados today – 16-inch "double gun" and mount and 8-inch gun and mount

CDSG recently received an email from the Canadian Armed Forces detailing a disposal project to clean up one of their former testing sites at Suffield Alberta. They want to dispose of the barrels left over from Gerald Bull's HARP Gun Project. They still have the following barrels all wrapped up and preserved.

1. ASSY DWG 2580150, TUBE DWG 2580754, Louisville Ser# 16718, 1772 lbs
2. 5" Mark 12, Louisville Mod 1. 12987, 3977 lb
3. 5" Mark 12, Louisville Mod 1. 4322, 3977 lbs
4. CORR N.O.P. SC, 5" Mark 12, Mod 11092, 3977 lbs
5. CORR N.O.P. SC, 5" Mark 12, Mod 10564, 3977 lbs
6. CORR N.O.P. SC, 5" Mark 12, Mod 8856, 3977 lbs
7. CORR N.O.P. SC, 5" Mark 12, mod 1498, 3977 lbs

They also have five World War II 8-inch gun barrels that were part of the same project. One of these guns is a light weight 8-inch barrel that weigh 27 tons while the others weigh 30 tons each. If the US Navy doesn't want them back and there are no takers at any museums, their plans for these barrels is to cut them up for scrap.

The second part of this plan is a project to clean up the HARP Gun site in Barbados. This was a Canadian funded joint US Navy project. The HARP gun itself consists of two 16-inch gun barrels, along with a spare 16-inch gun barrel laying on the ground nearby. There also is a couple of other mounts on the site including an 8-inch single gun. The Canadian Armed Forces consider this site (which is at the end of the airport) as derelict and an eyesore on a pristine Caribbean Island. They believe there is a danger from hazardous material such as hydraulic fluid, greases and oils could possible leach into the ground water of Barbados and become an enviromental disaster (this concern appears to bit late as the site has been abandoned for 50 years).

The contact at the Canadian Armed Forces is Wayne Yetman, WAYNE.YETMAN@forces.gc.ca, or at 819-997-5695. He would like to know if there is interest in any of these items as war reserve, artifacts or test barrels before they begin to destroy them for scrap. Please contact him if you can think of an organization that would want these historic naval weapons. Remember any group seeking this material will need to pay for the packaging and shipping costs.



HARP Site in Barbados today – 16-inch “double gun” and mount

\* \* \* \* \*

### CDSG Monogram Hat

The CDSG is pleased to announce that a special logo cloth hat (see below) has been created for all members (adjustable for all sizes of heads). The hat is available for sale from the CDSG Press for a price of \$20 (including domestic shipping – please add \$5 for international orders). Please send your orders including payment to T. McGovern at 1700 Oak Lane, McLean, VA 22101 USA. Purchase and wear a hat to advertise the CDSG to potential members!

\* \* \* \* \*

### CDSG Logo Hats, Shirts & Patches

The CDSG is pleased to offer custom-made hats, T-shirts and patches to our membership. Wearing these hats, T-shirts and patches are a great way to make others aware of the CDSG and its goals. It is also an excellent way to promote new memberships in the CDSG.

The CDSG patches have been available for several years. Designed especially for the CDSG, these quality patches combine the Coast Artillery Corps and the Corps of Engineers symbols to reflect their involvement in U.S. coastal defenses. This logo is now on a set of hats and T-shirts which are great for showing the CDSG "flag".

To order your hat, T-shirt or patch, please complete the order form below and send it along with your check (made out to CDSG, Inc.) to Terry McGovern at 1700 Oak Lane, McLean, VA 22101-3326 USA (e-mail: tcmcgovern@att.net).

CDSG hats, T-shirts and patches ordering information

Red T-Shirt with white ink:

Size & # \_\_\_S \_\_\_M \_\_\_L \_\_\_XL \_\_\_2XL \_\_\_3XL

Kaki T-Shirt with black ink:

Size & # \_\_\_S \_\_\_M \_\_\_L \_\_\_XL \_\_\_2XL \_\_\_3XL

Navy T-shirt with yellow ink:

Size & # \_\_\_S \_\_\_M \_\_\_L \_\_\_XL \_\_\_2XL \_\_\_3XL

Total Number: \_\_\_ times \$ \_\_\_ = Total \$ \_\_\_  
(domestic \$18/overseas \$26 each)

Patch: \_\_\_ times \$ \_\_\_ = Total \$ \_\_\_  
(domestic \$4/overseas \$6) each

Hats: \_\_\_ times \$ \_\_\_ = Total \$ \_\_\_  
(domestic \$20/overseas \$25) each

Be sure to include your name and shipping address.

\* \* \*

### The CDSG Fund

The CDSG Fund supports the efforts of the Coast Defense Study Group, Inc., by raising funds to support preservation and interpretation efforts concerning seacoast defenses around the United States. The CDSG Fund is seeking tax-deductable donations for preservation projects around the United States consistent with the goals of the CDSG.

The CDSG Fund is always seeking proposals for the monetary support (up to \$500) of preservation and interpretation projects at public parks and museums. A one-page proposal briefly describing the site, the organization doing the work, the project to be done or supported, and how the money would be used, should be sent to the address listed below.

Send all donations and proposals to:

The CDSG Fund  
C/O Alan Hardey, Trustee  
1577 Braeburn Road, Altadena, CA 91001-2603  
oozlefinch\_1@earthlink.net

No. 679,112.

Patented July 23, 1901.

L. L. DRIGGS.

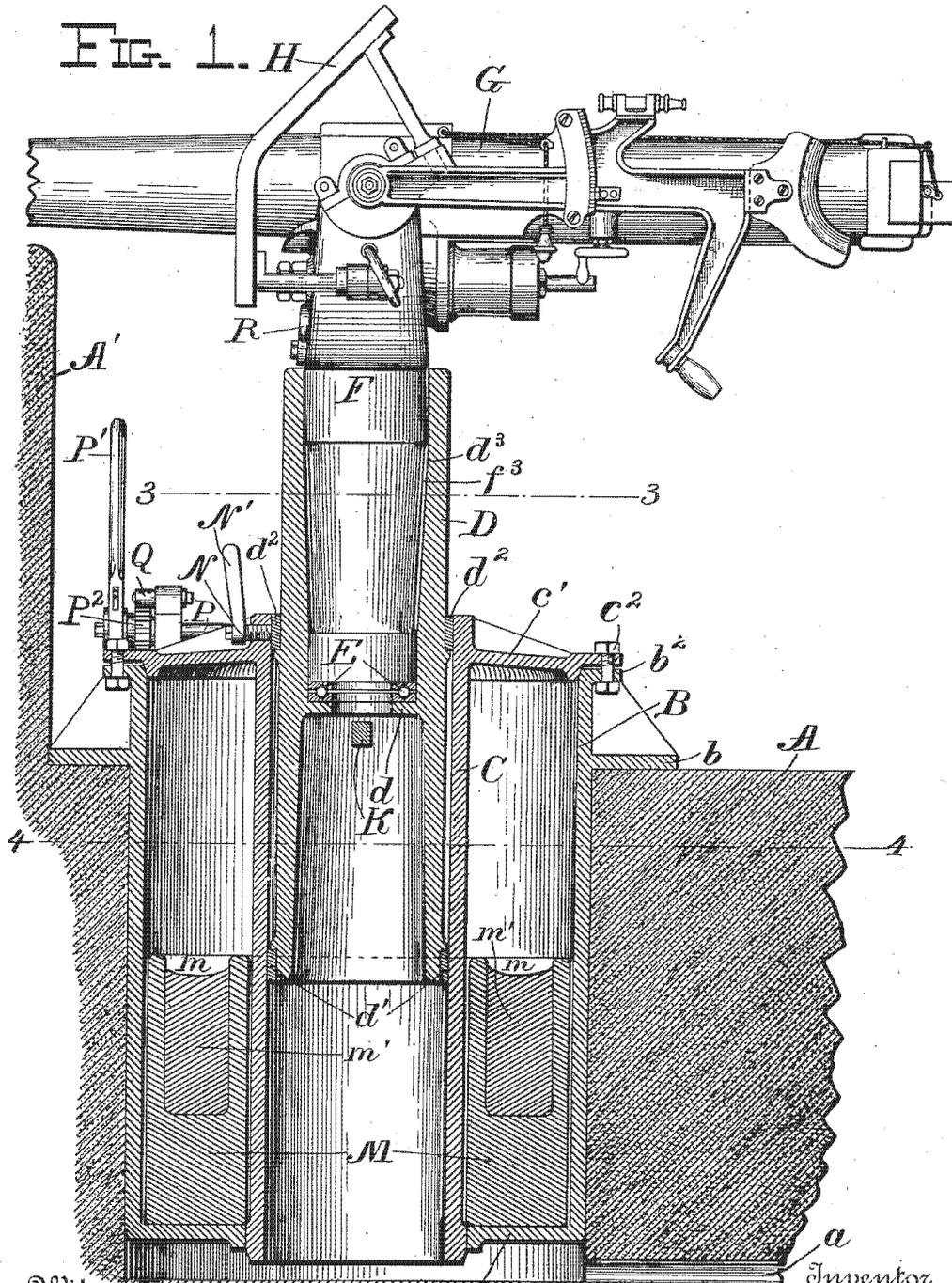
PARAPET MOUNT FOR GUNS.

(No Model.)

(Application filed Dec. 9, 1899. Renewed Feb. 12, 1901.)

5 Sheets—Sheet 1.

FIG. 1. H



Witnesses  
*Percy C. Bowen*  
*John Chalmers Tilden*

Inventor  
*Louis L. Driggs*,  
 by *Wilkinson & Fisher*,  
 Attorneys

\* \* \*

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The company publishes the quarterly journal, *Military Collectors and Historian*, and an ongoing series of color plates— "Military Uniforms in America."

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## The Artilleryman Magazine

The *Artilleryman* is the only magazine exclusively for artillery shooters and collectors. History, unit profiles, events, places to visit, book reviews, advertising. It is published quarterly; subscriptions are \$18 a year. We are also publishers of *The Civil War News*. Free sample copies of both publications are available.

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**The CDSG Newsletter**

www.cdsg.org

The *CDSG Newsletter* is published quarterly by the Coast Defense Study Group, Inc. along with the *Coast Defense Journal*. Submissions for the newsletter should be sent to the editor or publisher below

*Submission deadlines are the first of the month in February, May, August, and November of each calendar year.* All rights are reserved. Comments on business matters should be addressed directly to the Chairman of the Board of Directors.

CDSG Publications  
PO Box 6124, Peoria, IL 61601  
berhowma@comcast.net

The CDSG is a non-profit corporation formed to promote the study of coast defenses and fortifications, their history, architecture, technology, and strategic and tactical employment. The purposes of the group include educational research and documentation, preservation of historic sites, site interpretation, and assistance to other organizations interested in the preservation and interpretation of coast defense sites. Membership in the CDSG is open to any person interested in the study of the coast defenses and fortifications of the United States.

Annual dues for 2012 are \$40 domestic, \$55 for Canada, and \$70 for international.

Checks payable to: The Coast Defense Study Group, Inc. (CDSG)

Send to: Alan Hardey, CDSG Membership Chairman  
1577 Braeburn Road  
Altadena, CA 91001-2603  
626-791-5034  
oozlefinch\_1@earthlink.net

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**CDSG Publications 1985-2011 DVD** (Volumes 1-25) Text-searchable PDF files of the entire set of *CDSG News/Journal/Newsletters* Price: \$55 domestic and foreign. An updated copy can be purchased for \$10 by sending in a photocopy of the old CD/DVD.

**CDSG Documents DVD.** Price: \$50 domestic and foreign mail. These PDFs cover a range of historical documents related to seacoast defenses most from the National Archives. Included are PDFs of annual reports of the chief of coast artillery and chief of engineers; various board proceedings and reports; army directories; text books; tables of organization and equipment; WWII command histories; drill, field, training manuals and regulations; ordnance department documents; ordnance tables and compilations; and ordnance gun and carriage cards.

**Harbor Defense Documents.** These PDF documents form the basis of the Conference and Special Tour Handouts that have been held at harbor defense locations around the U.S. The collection includes RCBs/RCWs; maps; annexes to defense projects; CD engineer notebooks; quartermaster building records; and aerial photos taken by the signal corps 1920-40. These collections are available as PDFs on DVD, the size of the collection varies from harbor to harbor. Please consult <http://www.cdsg.org/cdrom1.htm> for more details.

Past meetings include: Manila Bay, PI, 1991; Oahu, Hawaii 1991; Los Angeles/San Diego 1992; Canal Zone, Panama 1993; Pensacola & Mobile 1994; Delaware River 1996; New York 1997; Tampa/Key West 1998; Columbia River 1999; Chesapeake Bay 2000; Portsmouth/North Boston 2001; Mississippi River 2002; Long Island Sound 2003; Charleston/Savannah 2004; Portland 2005; San Francisco 2006; Boston 2007; Galveston 2008; Baltimore/Washington 2009; Puget Sound 2010; Wilmington, 2010; Narragansett Bay/New Bedford 2011; Great Lakes 2012.

Please visit our website for a complete listing of electronic documents.

**CDSG Press Books (\$ domestic / \$ international)**

*Notes on Seacoast Fortification Construction*, by Col. Eben E. Winslow (GPO, 1920), hard cover reprint, with 29 plates included in a separate paperback. Both items: \$35 / \$45

*Seacoast Artillery Weapons* (Army Technical Manual 4-210, 13 Oct. 1944), hard cover reprint. \$25 / \$35

*The Service of Coast Artillery*, by F. Hines and F.W. Ward (1910), hardcover reprint \$40 / \$60

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C/O Terry McGovern,

1700 Oak Lane, McLean, VA 22101-3326

tcmcgovern@att.net