

Knot



News

International Guild of Knot Tyers – Pacific Americas Branch

January 2011

Carol Wang-Editor

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Issue #83

Editorializing Carol Wang

Hello, IGKTPAB! Greetings and salutations from new editor, Carol. I want to start off with a big thank you to previous editor, Joe Schmidbauer, I hope I don't make you regret letting go of the reins!

I have a vague plan that begins with an introduction, teaser or table of contents type preamble in this section. Next will be your news, announcements, and comments section. This is your newsletter it should say what you want. Speaking of **you**, I want to feature you either individually or in aggregate. Whatever y'all find more comfortable.

Of course I will attempt to gather, cajole, and if necessary write interesting and informative knotty articles as Joe so successfully did. We'll close out with a new on the shelf (with or without reviews) type section, an impromptu gallery (show and tell?) and highlights from the meeting minutes.

This issue begins with a clutch of new members, some seasonal greetings, a possible new knot, the process of building a bell rope, making a rope machine out of Meccano, instructions for the Good Luck Knot, reports from the AGM and various events that the branch has officially attended, new books, calendar of upcoming events, and finishes with instructions for tying a globe knot with a hole and a few supplementary supporting documents. Also, a copy of the San Francisco Maritime National Historical Park newsletter.

Comments, suggestions, critiques? Email me at editor@igktpab.org.

New Members

Sally J Anaya of	WA
Tim Hanrahan of	CA
Mark Johnson of	CA
Carl Mitchell of	CA
Gunnar Swanson of	CA
Harlan Woodring of	CA

News, Announcements, and Comments

From Ronny Wouters and IGKT Belgium:



All the best for 2011 from Frank & Lynn



Mery Christmas and a Happy New Year from Jan and Elise Vos in Holland. Jan shares instructions for this globe knot at the end.



Merry Christmas and a happy and prosperous New Year (in daily life and knotting matters as well) to all of you from Karl Bareuther in Germany.



Call to Action

* A Cub Scout camp at Carkeek Park in Seattle is looking for someone to teach some basic knotting skills to the Cub Scouts at a time TBD during the summer. It will be Tuesday through Friday it will be a day camp from about 9am-3pm. There will be small groups (probably averaging around 12 ea.) that would rotate through from one activity station to another. It would be great if knot tying were one of them. It could be 3 hours on one day and 3 on another or a full day on one.

* Our 2011 Annual General Meeting (AGM) is to be held sometime in July, August, or September (& possibly, if a desirable event occurs, in Oct.). It may be 6 months off, but now is the time to research and plan, plus book venues if they need reserving.

We need suggestions regarding venues &/or events within that time frame. And we need volunteers to help in the planning and execution of the AGM.

Information regarding accommodations and other "places of interest" in the area of our event would also be useful.

Featured Knotter or Knotty Favourites

In this section, I plan to either feature a particular member, someone we wish was a member, or gather the wisdom of the group on a particular topic. It all depends on how interactive y'all are. Consider the following questions as a profile guideline:

- ❖ how/when did you get started in knotting?
- ❖ what is your favourite knot?
- ❖ do you consider yourself a: sailor, jeweler, climber, crafter, fisherman, scout/guide/cadet (leader or former), general handy type, fibre artist, theatre rigger, etc, etc?
- ❖ what knotty thing would you like to learn next?
- ❖ where is your favourite place to get supplies and why?
- ❖ what is your favourite knot book and/or reference why?
- ❖ what is your favourite knotty website and why?
- ❖ what string related and/or knotty groups do you belong to (other than this one)?
- ❖ what is your favourite knot tool and why?
- ❖ do you have a website, newsletter, store, etc
- ❖ is there a festival, show, jamboree, etc at which you demonstrate your knottiness?
- ❖ what is your next project?
- ❖ what other hobbies do you have?
- ❖ is your family involved in your knottiness?

The Black Ribbon: A New Knot?

Alessandro Neri

I am Italian, I live in _____ and I spent lots of years working as a sailor on board of the ship “Ardito” for the Italian Naval Force. I spend lots of my free time tying ropes and I have the impression I created a new kind of knot. I found nothing similar on various manuals. I even surfed the Internet sources without success.

So, please, can you be so kind to let me know about the possible existence of “my” knot? It surely belongs to the “bowline” group. It is a very simple knot to tie. It has got a strong strength and it is easy to untie it after its execution.





Construction of a Bellrope Emory Bishop

USS Midway CV-41 Museum
Ship's Bellrope

I used the Bellrope tutorial by Vince Brennan as a guide. I made some modifications but tried to follow the tutorial as closely as possible.

The tutorial is located at
www.frayedknotarts.com/tutorials/bellrope.html

Layout: I used three ¼ inch three ply white poly cord 40 inches long. I wrapped the center using a three strand Ringbolt Hitch



Ringbolt hitching around a hard eye thimble and stopped off



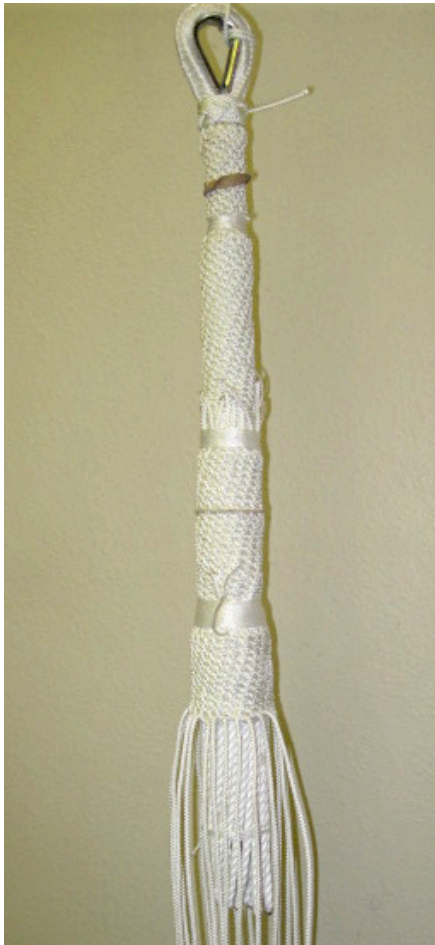
I added three additional cords at the hard eye, dropped down 4 inches and added additional cords to completely cover the inner core. I did this two more times at 4 inch intervals. This resulted in three layers at 4 inch intervals. Each layer was stopped off and the ends whipped.



I covered the entire inner ¼ inch cord core using a white ⅛ inch braided poly cord. I used a Crown Sennit hitch to cover each of the three steps and wrapped the ends to smooth the step.



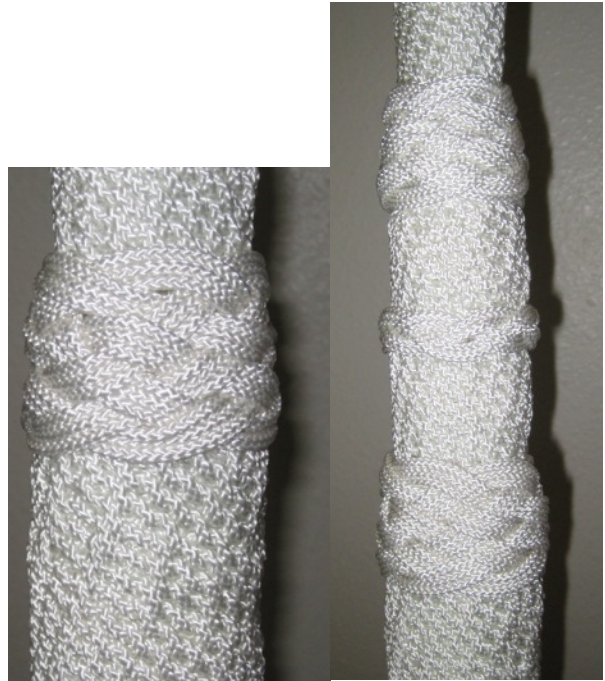
Crown sennit covering the last step.



Center core covering completed



Added Turks heads to cover wrapping. I used a 4×3, 5×4 and 7×6 Turks head to cover each wrapped step.



I covered the bottom end with a Globe knot, #2217 from Ashley's. This came out acceptable but the Bellrope could have used a larger Globe knot. This was my first time tying a Globe knot and it took 6 hours to complete as pictured.



I filled in between the step covering Turks heads as needed with three lead Turks head. Total time spent on this project was 40 hours. This was my first attempt at tying a Bellrope.

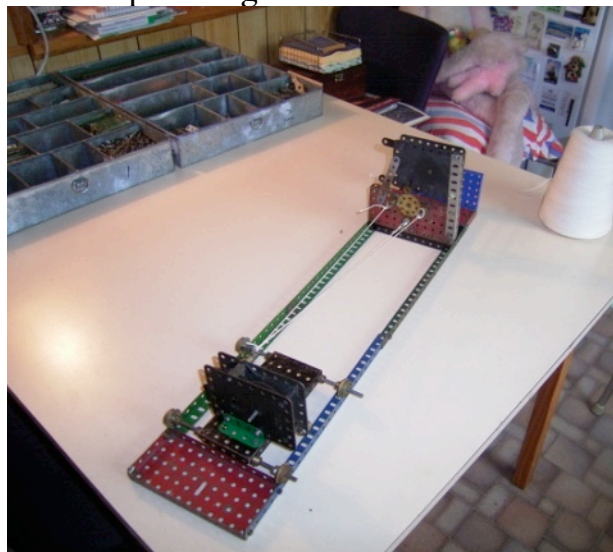


Marvellous Meccano **Frank Brown**

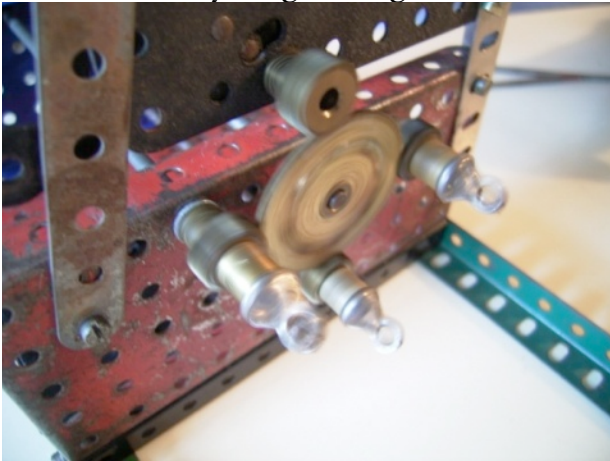
Like a lot of other Guild members I have built a simple bell crank rope making machine. It was mainly because supply of suitable materials was, and still is a bit limited here in Paradise, believe it not. Then I was introduced to the amazingly simple technique using a twist drill, so the baling wire and chewing gum device got retired. But the idea of building a "proper" machine persisted. Somewhere I read or heard of someone building one from Meccano. One of the many advantages of living in the country style environment is you tend to know a lot about what people do. I remembered that a friend's brother was a Meccano enthusiast and had a huge quantity collected over 60 odd years.

I rang Greg and did not have to try very hard to persuade him to provide the materials and expertise to build the required device. A meeting at his home was arranged and when I arrived several large compartmented trays were arrayed in his kitchen. After a short description of the objective, Greg started pulling various components out of the trays. He had a basic design in mind and started assembling the relevant pieces. Equipped with an original Meccano screw driver and with a box of nuts and bolts within easy reach, I assisted where able. As the work progressed it was found necessary to radically change the original design. Nothing new in that I was informed. In fact it was the norm. Soon an arrangement of flat plates, gear wheels, flange wheels, axle rods, girders, end bearings and pinions was constructed. Two clockwork motors were positioned and wound. Strands of cotton were threaded and the lever thrown on the first motor. The device whizzed around and twisted the strands nice and neat. Stop that motor and activate the other. Using fingers in place of an acorn to control the twisting, a short piece of three strand "rope" was produced in quick time. I was absolutely rapt and Greg was not displeased. Altogether a most enjoyable experience. Must do it again sometime.

The completed rig



Test run ---everything moving OK.



Product



Good Luck Knots: Basic Square (4) Carol Wang

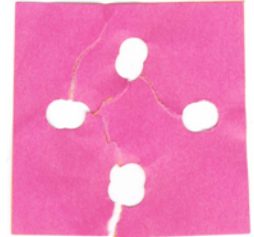
Partially for your benefit and partially to spur myself to fill in some holes in my various instruction sets (and also because the weekly knot chat crowd didn't think it'd be too much repetition to share what has appeared on my various websites for the newsletter) I'm planning a decorative knot series which will start with the Good Luck Knot family. Sit back, this could take a while. ☺

To tie a Good Luck Knot, form a radial shape with bights and crown the branches twice. Any number of branches, 3 or more, can be used, but traditionally we start with 4. You can hold the cord in your fist and pull bights

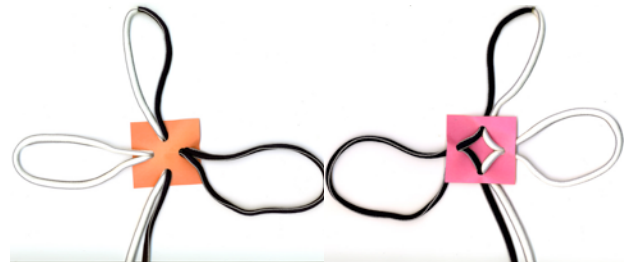
through your fingers, lay the cord on a table, use a pin board or other mechanical method. I

produced the instructions using a paper template for clarity.

My paper template (after it was used) looked like so:



Front and back views of the template in use:



The cord you see on the back of the paper template (pink) will become the corner ears.

step 1: Fold the top bight down over the left bight



step 2: Fold the left bight over what was the top bight and the bottom bight

step 3: Fold the bottom bight over what was the left bight and the right bight



step 4: Fold the right bight over what was the bottom bight and under the top bight near the holes in the template



You have crowned the bottom layer of the knot. I have shown a counter clockwise crown and will show a clockwise crown for the top layer. The rotational directions don't particularly matter, but alternate for a crisper knot or use the same direction for both layers for a softer look.

step 5: Fold the top bight down over the right bight



step 6: Fold the right bight over what was the top bight and the bottom bight

step 7: Fold the bottom bight over what was the right bight and the left bight

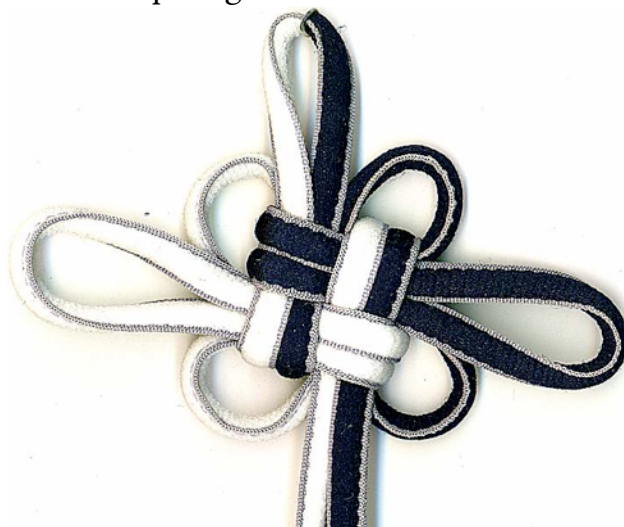


step 8: Fold the left bight over what was the bottom bight and under the top bight.

All the tying steps are now done.

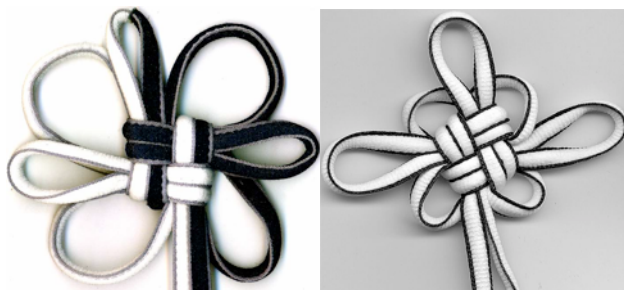
Remove the paper template by tearing the paper.

Finished square good luck knot:



Adjust the ears as desired. This is the traditional finished knot.

An alternate tightening:



and the non-alternating crowned version.

The starting position for a rotated version where the loose ends form a corner ear instead of a side ear:



and the completed rotated version of the knot.

For a more verbose version and zoomable pictures, go to <http://www.chineseknotting.org/luck/howto4/>

AGM & Tall Ship Festival at Data Point Jimmy Williams

We began our Annual General Meeting activities with a visit to Pelican Rope Works in Anaheim, California. Cliff Case, Sue Bosch, Lori Bosch, Bob Bosch, Mike Bromley, Darrell Ausherman, Jose Hernandez-Juviel and I were the lucky ones able to attend. We were greeted by Ed McLaughlin who also gave us a guided tour of the facility and took some pictures of the visit.

(See the pix at picasaweb.google.com/igktpab/100910APelicanRopeWorks.)

Some of us went from there on down to Dana Point where we staked out our spot for the Tallships Festival. (Mike and I set up a tent and stayed until Sunday afternoon.)



Then, about 5:30PM we went on to Luciana's, an Italian restaurant in Dana Point. We met in a room designed as a wine cellar and had a few drinks and attended what little business was necessary before having our dinner.

Many thanks to Lindsey Philpott for finding and reserving space for us!

The ambiance was delightful, the service great, and the food delicious!

(See pix at picasaweb.google.com/igktpab/100910BAnnualGeneralMeeting.)

We had eleven members attend our dinner meeting. From farthest away were Doug and Maggie Machado of , Oregon. Then Bob and Sue Bosch from , California, and Lori Bosch of , California. Mike Bromley (our President) from California. And rounding out the list were Darrell Ausherman (, CA), Jose Hernandez-Juviel (CA), Lindsey Philpott (CA), Cliff Case (CA), and me (, CA).

And, on September 11 & 12, 2010 – we displayed our collection of knots at the Toshiba Tallships Festival in Dana Point, Ca. Once again, we had a very successful show. There were a lot of people stopping buy our display and asking many questions about knot tying. I think this is my 5th or 6th visit to the Dana Point event and we have always been well pleased with our reception by the Ocean Institute folks and the public.

(Again – pix at picasaweb.google.com/igktpab/100912DanaPointTallships.)

ASTA Annual Conference (Pirates!) Lindsey Philpott & Darrell Ausherman

I just thought that you might be interested in the content of a PowerPoint session that I just gave at the 2010 American Sail Training Association's (www.sailtraining.org) annual conference aboard the RMS Queen Mary in Long Beach, California. We were invited to give the presentation by the Director of ASTA and he wants IGKT to be involved in their 2011 activities all the way down the West Coast of the USA. This will be the second time that we have been invited to participate in the ASTA Tallships annual sail training event!
tallships.files.wordpress.com/2010/11/beyond-pirates-international-guild-of-knot-tyers.pdf

Cheers!
Lindsey

Newport Beach Wooden Boat Festival Jimmy Williams

For the second year, we were invited to show our collection at the Newport Beach American Yacht Club's Wooden Boat Festival. And, for the second year, we accepted. (More info at www.al291.com/sites/yachtclub/.)

Attending this one were Mike and Nancy Bromley, Joseph Schmidbauer, Jose Hernandez-Juviel, Darrell Ausherman, and me. Lindsey Philpott was there for a little while, but left early as he wasn't feeling well. We began setting up about 8:00 and got our cover up just a little before it started raining. (Yes, rain in SoCal?) And we actually had a few visitors in the rain. By the afternoon, it cleared out and we had the normal SoCal sunshine. Had a lot of folks stop by our display.

There were some beautiful boats displayed, but I think the one I liked best was the wooden boat on a wooden trailer.

Two big attractions were the Tallship Irving Johnson and a WWII Crash Boat.

The Irving is out of San Pedro, Ca, and is owned/operated by the Los Angeles Maritime Institute. (For more info see www.lamitopsail.org/)

And the Crash Boat is a United States Army Air Force boat. It's purpose was to rescue downed pilots from the ocean.

The American Legion put on a good show and we were very happy to be a part of it. Mark Kovaletz was the coordinator for the event and he did an excellent job. And, of course, the venue is beautiful – we were about fifteen feet from the beach of Newport Bay! And, about two or three hundred feet in the other direction is the Pacific Ocean.

(The pictures I took can be seen at: picasaweb.google.com/igktpab/101002NBALYCWBF.)

December meeting notes 12/14/2010 Jimmy Williams

1. Regular meeting participants Darrell Ausherman, Charlie Bell, Jose Hernandez-Juviel, Lindsey Philpott and I were there. Carl Mitchell attended his first meeting. Carl is a new member and lives in San Diego, so he will not be able to attend regularly. And we had three visitors, Robert Olsen, his son Captain Brian Olsen, and a friend, Bruce Ungerland.

2. First up for discussion was the presentation by Lindsey and Darrell at ASTA's conference held on the Queen Mary. ASTA's theme this year was "Beyond Pirates, What Next?" Lindsey gave a Power Point Presentation with focus on Pirates at seafaring festivals are a big draw for kids, whom we can then introduce to knotting as a tool not only used by Pirates, but by "law abiding sailors" as well.



Lindsey's globe knot mandrel

After their presentation, they set up a table with a display of some of our collection of knot work. They reported that they had many visitors with many questions. Their "appearance" was scheduled from about 10:30AM to about 2:00PM. Lindsey called me as he was finally leaving at 6:00PM! The ASTA folks were really interested in our offering and many request for additional

information, and perhaps more appearances, were discussed.

3. During our last AGM, Lindsey made arrangements for our group to visit Pelican Rope Works in Anaheim, CA. The folks there were excited to have us and gave us a tour of their facility. We saw several types of rope being made. Lastly, they tested an eye splice in some of their rope. As advertised, it broke at just over 10,000 pounds!

4. After the visit, we discussed making a knot board for Pelican Rope Works. I finally contacted them to determine the kind of knots they would like to see on a knot board. Their preference is “rescue knots.” And they have offered to supply us with enough rope to make the knots. Only thing I need now is information from our members and friends as to the type of knots you think might be appropriate. (I lied, I will also need to request proper hardware from Pelican after we decide what the knots will be.)

5. Next year’s ASTA Tallships Festival is to be held on the west coast. We were really looking forward to our participation when the festival got to Long Beach. But it turns out that they will not be visiting our area this year. Their current schedule is for two sites in Canada, and Ventura in California. We still plan on participating, but need to start making plans soon.

We have some members in Canada that I think are fairly close to one of the sites, and I will be requesting their participation to represent the PAB.

8. Some of us local folks are planning on going up to Ventura to participate there. I will be checking with some of our contacts up there for local camping spots, inexpensive lodging, and perhaps a berth or two on one of the Tallships.

9. And lastly, Lindsey reported that the 2013 IGKT AGM is to be held in the USA. We have to start planning now to make a pitch to

have it here. At least, somewhere on the west coast. So, please be thinking about that and let me know if you have any suggestions.

I know there was more, but I didn’t write it down. (Hey, I was railroaded into this job, anyway.)

For more pictures of the event, see:
picasaweb.google.com/igktpab/101214Meeting

January meeting notes 01/11/2011 Jimmy Williams

1. Regular meeting participants Charlie Bell, Jose Hernandez-Juviel, Joe Schmidbauer, Carl Mitchell, Lindsey Philpott and I were there. We also had a visitor that joined. His name is Gunnar Swanson and he lives in . (If I left anybody out, please forgive me.)

2. Joe Schmidbauer returned our collection of knots as he has been unable to find time to begin the cataloging. I suggested that I bring along a box of knots to each meeting in the future and we can get at least 10 or so items pictured, cataloged, & identified per meeting.

3. Pelican Rope Works – We need some suggestions from our general membership (& friends) regarding which “rescue” knots we should include on a knot board for them. We want to produce a “professional quality” knot board for these folks that so graciously opened their doors for us.

4. Joe Schmidbauer did receive a letter from Synthetic Textiles (located in Anaheim, CA). They have not given him an answer as to their having a “store” we can visit. I will try to contact them and request a tour of their facility for our group.

5. We again discussed ASTA’s west coast Tall Ships Challenge for 2011. Some of us (local to Oxnard area) plan on attending the TSC in Channel Islands Harbor in June. Please go to their website (sailtraining.org) and notice the locations of the west coast events. Let me know if you think you might be able to attend and represent the Pacific Americas

Branch of the International Guild of Knot Tyers. (Tentative schedule is Richmond, BC June 4-6, San Francisco, CA June 19-22, Channel Islands Harbor [Oxnard, CA] June 24-26.)

6. Lindsey asked if we had further information on the Angeles Gate Lighthouse restoration project. I had to reply, "No." But I have found a little more information regarding this topic at http://www.cabrillobeachbathhouse.org/projects/current_projects.html. I will be contacting these folks to offer PAB's expertise for any rope work needed during the reconstruction. (When I first heard about the project, I saw some pix of the inside. Stairs with coach whipping &/or Cox combing on the railings.)

7. There have been a couple of folks/organizations in the San Francisco area requesting assistance with some "knotting" activities. I have given them contact information for several of our members/friends and suggested they contact them. So far, none of them have done so. I think I'll probably write one more message asking (politely) why they haven't given our folks a call/message. (I just received verification of contact from one group.)

8. Also from Lindsey is information that the Cabrillo Marine Aquarium will be hosting a Whale Festival on the 30th of January. I have sent a message to their Programs Coordinator offering our support with a display, demonstration of our stuff. (No Response yet.)

9. I want to request that you advise us of any knotting/boating events coming up in your area. I will let our Webmaster know so that they may be included in our "Calendar of Events" on our web site.

Also – please let your friends know about our web site, igktpab.org. We have some interesting information there. If you have information of interest to the knotting

community, please send it along for inclusion to our site. We also welcome suggestions for content on our site.

10. Finally, and I think most importantly. We have been discussing the "Education" part of the Guild's charter and how to fulfill that ideal. We want input from our entire group, so please give us comments, ideas, plans, etc., etc.

I know there was more, but I didn't write it down. (Hey, you get what you pay for???)

Globe Knot with a Hole Jan Vos

A short description how to make this globe knot with a hole in the middle. Using approximately 40m of string.

The five bights are numbered 1 to 5. The five inner bights are labelled (left side): a-b-c-d-e, and (right side): v-w-x-y-z

The hole in the middle (left side is N= north, right side is S=south)

The L is for Left and the R is for right.

In the green picture (see supplement following newsletter):

5										u	v	w	x	y	z	5
4							R									4
3						N		S								3
2							L									2
1	a	b	c	d	e					u	v	w	x	y	z	1

In the additional files you will find how to follow the half-cycles.

The lines goes sometimes V = vooruit, forward or clockwise

And sometimes A = achteruit, backwards, anticlockwise

Follow the 50 half-cycles, because of the hole in the middle you are not going from left to right, but sometimes via numbers L, R, N or S.

A more elaborate description is already on the website of Charles Hamel
www.charles.hamel.free.fr

For questions just send an email to
drsjvos@telfort.nl

Happy Knotting time, send me your results.

Calendar Jimmy Williams

Listed below are the events we attended last year. All of them are recurring events and will be approximately the same dates (I think)
 04-25-2010 - Earth Day at StarECO station in Culver City

05-23-2010 - Rancho Los Cerritos Spring Festival

05-??-2010 - LAMI's fund raiser dinner (we will be expected to provide knotted items for auction/sale)

06-18-2010 - Treasure Island (SF) Yacht Club's Summer Sailstice

07-03-2010 - Forest Falls Search & Rescue Pancake Breakfast

09-09-2010 - PAB's AGM (can be scheduled from September through October)

09-09-2010 - Toshiba Tall Ships Festival at Dana Point Harbor (9/9 through 9/13)

10-01-2010 - Wooden Boat Festival at the Newport Beach American Legion Yacht Club

10-09-2010 - Coast Guard Auxilliary Flare Shoot at the Dana Point Ocean Institute

10-16-2010 - Autumn Sea Fest at the Cabrillo Marine Aquarium

And we have been contacted regarding the following events. The dates are tentative:

01-30-2011 - ????? Whale Festival at the Cabrillo Marine Aquarium

06-04-2011 - ASTA Tall Ships Challenge in Richmond, BC: June 4 - 6, 2011

06-19-2011 - ASTA Tall Ships Challenge in San Francisco, CA (6/19 through 6/22)

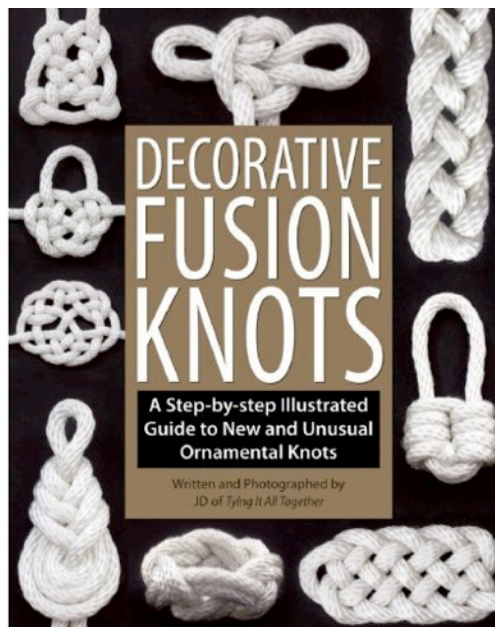
06-19-2011 - ASTA Tall Ships Challenge in Oxnard (Channel Islands Harbor), CA (6/24 through 6/26)

New on the Shelf Carol Wang

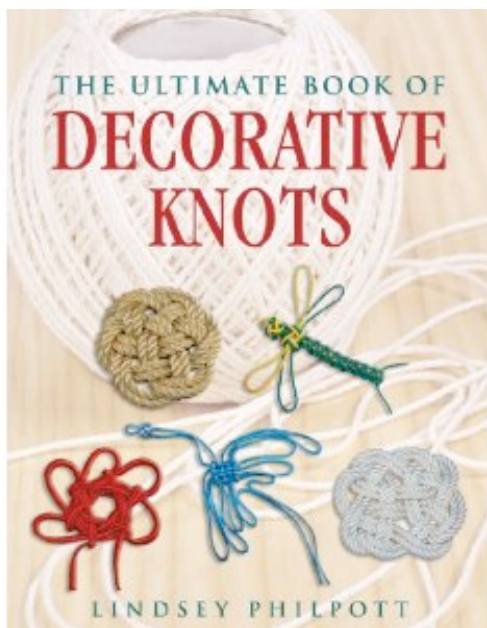
For the holiday season, I gave myself the gift of books (and other knotty things). Some of the titles I purchased include:



Knot so Fast: The knot tying race game by ThinkFun.



Decorative Fusion Knots: A Step-by-Step Illustrated Guide to New and Unusual Ornamental Knots by [J. D. Lenzen](#) (Author)
 Paperback: 112 pages
 Publisher: Green Candy Press
 ISBN-13: 978-1931160780



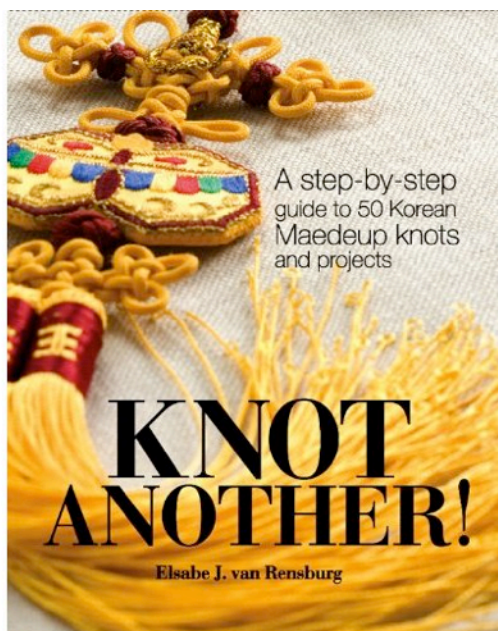
The Ultimate Book of Decorative Knots by

[Lindsey Philpott](#)

Hardcover: 640 pages

Publisher: Skyhorse Publishing

ISBN-13: 978-1602392427



Knot Another: A step-by-step guide to 50 Korean Maedeup knots and projects by

[Elsabe J. van Rensburg](#)

Paperback: 132 pages

Publisher: Bleho Media Co., Ltd.

ISBN-13: 978-6119020405



使える遊ぶ飾る ロープワーク・テクニク

(Tsukaeru asobu kazaru rōpuwāku tekunikku,
Rope work decorating techniques used to play)
by [羽根田 治](#) (Haneda Osamu)

Paperback: 159 pages

Publisher: 成美堂出版 (2006/05)

ISBN-13: 978-4415031255

More books, and detailed reviews (from me, and **you**, right?) next time.

Next Time

Karl's knot board, currently on long term loan to the International Maritime Museum Hamburg.

Gifts from Marty Coombs



FATHOM THIS!

The monthly newsletter from
San Francisco Maritime National Historical Park

January, 2011 Issue #31

Peter Kasin, Park Ranger Newsletter editor / writer

Contributors: Deborah Grace - Library Technician
Denise McEvoy - Docent
Ted Miles - Assistant Reference Librarian

IN THIS ISSUE:

MARITIME STORY TIME, FOR KIDS: THE TALE OF HENRY AND HARRY
SMALL CRAFT COLLECTION TOUR
KLEBINGAT LECTURE SERIES: THE PORTUGUESE IN AMERICAN WHALING
FROM THE MARITIME LIBRARY'S FILM COLLECTION
LINKS

Welcome to San Francisco Maritime National Historical Park, and to the new year! Your floating national park on San Francisco's historic waterfront offers a unique experience for all ages. For descriptions of all the tours and special programs the park has to offer, see the park's website at <http://www.nps.gov/safr/>, and the website of the cooperating San Francisco Maritime National Park Association: <http://www.maritime.org>.

Fathom This! is sent monthly. Feel free to forward it, and enter it, in whole or in part, into blogs. If you would like to receive it regularly, or to cancel, please email the editor at peter_kasin@nps.gov. Your name and email address is never loaned or sold.

MARITIME STORY TIME, FOR KIDS: THE TALE OF HENRY AND HARRY
Saturday, January 8, 1:00-1:30, in the Visitor Center. No fee. Information: 415-447-5000.

Join volunteer Denise McEvoy as she relates the 1887 adventures of two stowaway kittens aboard the Balclutha. Hear what it was like to be a kitten sailor on the ship's maiden voyage, sailing the rough Cape Horn passage to San Francisco.

SMALL CRAFT COLLECTION TOUR

Saturday, January 15, 9:30am-2:30pm, at the warehouse in Alameda. No fee. Reservations and directions to warehouse: 415-292-6664, or email Mariah Gardner at mgardner@maritime.org.

Tour the collection of nearly 100 historic small boats, stored in a warehouse in Alameda. The tour will cover the history, design and construction of these working and pleasure craft, including designs unique to San Francisco Bay. Bring a bag lunch.

KLEBINGAT LECTURE SERIES: THE PORTUGUESE IN AMERICAN WHALING

Saturday, January 22, 6:00pm, in the Maritime Library, Fort Mason Center, Bldg. E, 3rd floor. Donation: \$5 general, \$4 Library Friends and San Francisco Maritime National Park Association members. Information and reservations: 415-561-7040.

Historian and author Don Warrin will discuss his new book, *So Ends This Day*

- The Portuguese In American Whaling: 1765-1927. In it he tells the story of Portuguese crewmen who ultimately came to dominate the American whaling industry in its final days on the Pacific coast. Copies of the book will be available for sale and signing.

FROM THE MARITIME LIBRARY'S FILM COLLECTION

J. Porter Shaw Maritime Library located in Fort Mason Center, Bldg. E, 3rd floor. The library is open to the public by appointment only, Monday through Friday, and the third Saturday of the month, 1pm-4pm. Appointments: 415-561-7030.

View maritime films on video and DVD in the maritime library. Choose from the library's collection, and library staff will assist you in setting you up in a viewing station. Two documentaries of note are the CSS HL Hunley. This National Geographic Society production shows how the pioneer U.S. Civil War submarine was discovered in Charleston Harbor after years of searching, and then recovered in 1995. From the San Diego Maritime Museum comes Setting Sail. This video narrated by Walter Cronkite takes you aboard the world's oldest active square rigger for a day of sailing in San Diego Harbor.

LINKS

<http://www.nps.gov/safr/> San Francisco Maritime National Historical Park

<http://www.maritime.org> San Francisco Maritime National Park Association, the park's nonprofit member-supported cooperating association.

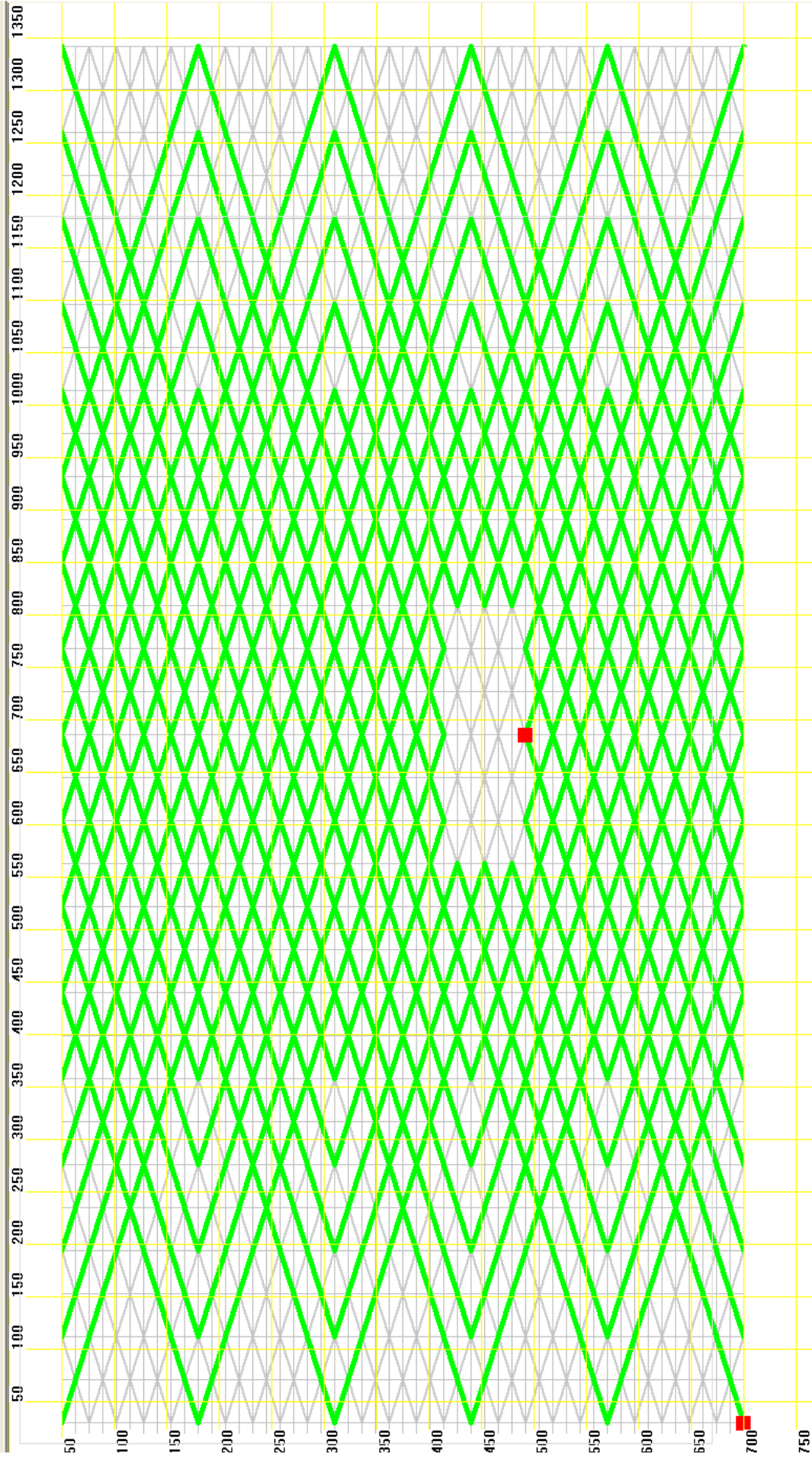
<http://www.libray.nps.gov> The Maritime Library catalog.

<http://www.museum.nps.gov/safr/page.htm> The park museum catalog records.

<http://www.maritimelibraryfriends.org> The Maritime Library's nonprofit member-supported cooperating association.

<http://www.hydestreetlivinghistory.org> The park living History program's volunteer created and managed website.

<http://www.corsair-viking.org> The San Francisco Sea Scouts, the park's neighboring partner in Aquatic Park.





Bolknoop met gat van 3*3

1	CW - ACW	A 1	free	.....	L 2	free	.....	Z 1
2	ACW	Z 1	free	.....		free	.....	B 3
3	ACW	B 3	u	.....		u	.....	Z 5
4	ACW - CW	Z 5	free	.....	R 1	u	.....	D 4
5	CW	D 4	free	.....		.	.....	W 1
6	CW	W 1	.....	.....		u	.....	D 3
7	CW	D 3	0	.....		.....	.....	W 5
8	CW	W 5	o u o	.....		.....	.....	D 2
9	CW	D 2	o o	.....	N 1	o o	.....	A 4
10	CW	A 4	u	.....		o o u	.....	Y 2
11	CW	Y 2	free	.....	S 3	free	.....	X 4
12	CW	X 4	u o o u	.....		o	.....	E 1
13	CW	E 1	u o o	.....		u u	.....	X 3
14	CW	X 3	u o	.....		u o	u	E 5
15	CW	E 5	o o	.....		u u	o	X 2
16	CW	X 2	u	.....	S 2	u	u	Y 4
17	CW	Y 4	o u	u o		u o	u u	A 2
18	CW	A 2	u u	u o		o	u o	Y 5
19	CW	Y 5	o u	o u o		o o	u	A 3
20	CW	A 3	o u	u		o u	o u	Y 1
21	CW - ACW	Y 1	u o	u u	L 1	u	u o	E 2
22	ACW	E 2	u u	o u		.....	o o u	X 5
23	ACW	X 5	u o	u		u o	.....	E 3
24	ACW	E 3	u o	u o		o	u o	X 1
25	ACW	X 1	o u o	u o u		o	.....	E 4
26	ACW - CW	E 4	u o	o u u	R 2	.....	o	V 4
27	CW	V 4	u o u	o o u		o u	u	C 1
28	CW	C 1	o u o	u o o		u o u	o u	V 3
29	CW	V 3	o u u	o u o u		u o u	o u	C 5
30	CW	C 5	o o u	.....		o u o u	u o u o	V 2
31	CW - ACW	V 2	u u	.....	L 3	o u o u	u o u o u	B 1
32	ACW	B 1	o o u	o u o u		u o u o	u u o	Z 3
33	ACW	Z 3	u o o	u o u o		o u o u	o u u o	B 5
34	ACW	B 5	o u o u o	o u o u		o o u	u u u	Z 2
35	ACW	Z 2	o u o u	u o u o		u o o u	u u o u	B 4
36	ACW	B 4	o u u o	u	N 2	u o u u	o	C 2
37	ACW	C 2	u o u	u u		o o u o	o u o u	V 5
38	ACW	V 5	u o o	u u u o		o u u	o	C 3
39	ACW	C 3	u u o	u o u o		o o u	u o	V 1
40	ACW	V 1	o u o	u o o u		u o o o	u	C 4
41	ACW	C 4	u o u	o u o	N 3	u o u o	u o u	B 2
42	ACW	B 2	o u o	o o u u		o u o u o u	o u o u o u	Z 4
43	ACW	Z 4	o o o	u o u	S 1	o o o	.....	W 2
44	ACW	W 2	u o u o	u o u o		u o u o	u u o	D 5
45	ACW	D 5	o u o u o	u o u o u		u o o o	u o	W 3
46	ACW	W 3	u o u o u	o u o u o		u o u o u	o u	D 1
47	ACW	D 1	u o u o	u o u o		u o u o u	o u o	W 4
48	ACW - CW	W 4	u u o	u o	R 3	u o u o u o u	o u o u o u	A 5
49	CW	A 5	u o u	o u o		u o u o u o u	o u o u o u o u	Y 3
50	CW	Y 3	o u o u o u	o u o u o u		o u o u	o u o u o u	A1

Heb je bol met gat van 3 bij 3 als volgt beschreven.

zie tekening en de foto's

het aantal(5) bochten noem ik de nrs 1 t/m 5

indien B=5

het aantal bochtlagen A noem ik a,b,c,d,e voor de bovenkant en v,w,x,y,z voor de onderkant

het middengat van 3 bij 3 bochten geef ik de onderstaande namen (deels van het kompas)

de noordkant N1,N2, N3 zijn de bochten parallel aan de A1 t/m e5 zijde
de zuidkant S1,S2,S3 (south) zijn den bochten parallel aan V1 t/m z5 zijde
de L is linkerkant (westkant) L1, L2, L3 van noord naar zuid
de R is rechterzijde (ooskant van het gat) R1,R2,R3 van noord naar zuid

de letters v,w,x, y, z heb ik gekozen ivm max 13 lagen (A= 13) lijkt me practisch gezien
genoeg helaas kan ik dan voor het gat niet N. O Zuid West meer doen, vandaar L R s=south

Bij meerdere gaten de N vervolgen met N4 N5 N6 etc.

Indien A = 4 gebruik je a,b,c,d en w,x,y,z

indien A =9 gebruik je a,b,c,d,e,f,g,h,i en r,s,t,u,v,w,x,y,z
er is gekozen a... en z voor meer eenheid in beschrijvingen. Z is altijd de laatste aan rechter
kant en is al snel voor een knoper duidelijk qua ligging op een buis. En leest ook goed
als je de knoop even weglegt en later weer oppakt waar je bent gebleven

Met behulp van deze vaste coördinaten is de beschrijving van de knoop goed en
voor een ieder duidelijk te doen.

Hoe je dit programma technisch voor elkaar kan krijgen, weet ik niet want ik weet
niet wat de beperkingen zijn.

in de beginregel staat nog een V en een A
de V staat voor vooruit knopen, dwz met de klok mee, zoals we normaal zijn gewend
met turkse knopen.

de A staat voor achterwaarts knopen, wel gaan dan tegen de klok werken.
de keerpunten zijn gelegen op de L en R zijden
of dit altijd is weet ik nog niet maar wel bij dit type bol.

op de foto zal oa een zwarte speld te zien zijn dit is de 5 hoek van bocht a-e
op de foto is een vijfhoek van bocht v-z te zien als 5spelden vlak bij elkaar

De bol is eigenlijk iets te groot. Maar een kleinere bol ging bijna niet ivm teveel problemen met
aantrekken van buis naar bol. Te veel ruimte en te weinig houvast.
een keer alles langs gaan is 12 meter bij 1,5mm touw Om de eerste ronde te maken was
op de buis ruim 20 meter nodig om er vervolgens 8 m slack eruit te halen.

wellicht rond ik hem nog een keer is ongeveer een 2 uur rijgwerk nog.

Voor nadere toelichting gaarne bereid.

Bolknoop met gat van 3*3

kerstbol

1	V - A	A1	free	.....	L2	free	.....	Z1
2	A	Z1	free	.....		free	.....	B3
3	A	B3	u	.....		u	.....	Z5
4	A - V	Z5	free	.....	R1	u	.....	D4
5	V	D4	free	.....		.	.....	W1
6	V	W1	.....	.....		u	.....	D3
7	V	D3	0	.....		.....	.....	W5
8	V	W5	o u o	.....		.....	.....	D2
9	V	D2	o o	.....	N1	o o	.....	A4
10	V	A4	u	.....		o o u	.....	Y2
11	V	Y2	free	.....	S3	free	.....	X4
12	V	X4	u o o u	.....		o	.....	E1
13	V	E1	u o o	.....		u u	.....	X3
14	V	X3	u o	.....		u o	u	E5
15	V	E5	o o	.....		u u	o	X2
16	V	X2	u	.....	S2	u	u	Y4
17	V	Y4	o u	u o		u o	u u	A2
18	V	A2	u u	u o		o	u o	Y5
19	V	Y5	o u	o u o		o o	u	A3
20	V	A3	o u	u		o u	o u	Y1
21	V - A	Y1	u o	u u	L1	u	u o	E2
22	A	E2	u u	o u		.....	o o u	X5
23	A	X5	u o	u		u o	.....	E3
24	A	E3	u o	u o		o	u o	X1
25	A	X1	o u o	u o u		o	.....	E4
26	A - V	E4	u o	o u u	R2	.....	o	V4
27	V	V4	u o u	o o u		o u	u	C1
28	V	C1	o u o	u o o		u o u	o u	V3
29	V	V3	o u u	o u o u		u o u	o u	C5
30	V	C5	o o u	.....		o u o u	u o u o	V2
31	V - A	V2	u u	.....	L3	o u o u	u o u o u	B1
32	A	B1	o o u	o u o u		u o u o	u u o	Z3
33	A	Z3	u o o	u o u o		o u o u	o u u o	B5
34	A	B5	o u o u o	o u o u		o o u	u u u	Z2
35	A	Z2	o u o u	u o u o		u o o u	u u o u	B4
36	A	B4	o u u o	u	N2	u o u u	o	C2
37	A	C2	u o u	u u		o o u o	o u o u	V5
38	A	V5	u o o	u u u o		o u u	o	C3
39	A	C3	u u o	u o u o		o o u	u o	V1
40	A	V1	o u o	u o o u		u o o o	u	C4
41	A	C4	u o u	o u o	N3	u o u o	u o u	B2
42	A	B2	o u o	o o u u		o u o u o u	o u o u o u	Z4
43	A	Z4	o o o	u o u	S1	o o o	.....	W2
44	A	W2	u o u o	u o u o		u o u o	u u o	D5
45	A	D5	o u o u o	u o u o u		o u o o	u o	W3
46	A	W3	u o u o u	o u o u o		u o u o u	o u	D1
47	A	D1	u o u o	u o u o		u o u o u	o u o	W4
48	A - V	W4	u u o	u o	R3	u o u o u o u	o u o u o u	A5
49	V	A5	u o u	o u o		u o u o u o u	o u o u o u o u	Y3
50	V	Y3	o u o u o u	o u o u o u		o u o u	o u o u o u	A1