

In This Issue

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- Plank Bending
- The Hector Replica



The MSB Journal

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Boullongne
by Arthur Molle

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The Editors Corner



The summer months are disappearing rather quickly. Too quickly for my liking. :-)

This issue as you will see is a little on the short side. Of course this is due to the lack of time I had to spend working on it because of being on vacation. We were off to Newfoundland for a couple of weeks. Did some sight seeing, a little research on an upcoming project and for the most part just had well deserved break from the every day hassels of life! Of course that included

playing some music and putting down a few cold ones with friends and family. :-)

We are always on the lookout for interesting information and articles on this great hobby of ours. Whether it be information on model building itself or historical background information that will help people with their model building, or perhaps something related to our hobby that just make an interesting read, if you have something, we'd like to hear from you. Simply contact us at msbjournal@modelshipbuilder.com.

A special thanks to all who so far have contributed material to the MSB Journal. If the people who have contacted us through their emails and at local shows are right you have helped to make this a very popular publication and we look forward to the future! Just as a note of interest, only a little while ago we were excited at breaking the 1000 mark for downloads of the MSB Journal. This past month has blown this number completely away with over 5000 downloads. What will upcoming months bring????? WOW!

There have been a few additions at the Model Ship Builder website that we encourage you to check out (see page 16). Also, some time over the next couple of months we are about to embark on an interesting interactivescratch build that we hope you will participate in (page 9).

Okay, I won't hold you up any longer. Hope you enjoy this issue!

Winston Scoville
www.modelshipbuilder.com
 :-)

Modeling Events in Australia?

Recently while reading through one of the discussion forums I came across a rather interesting message by Anthony Ramos about a potential modeling event in Australia that I thought you might like to know about. Especially those in Australia. Rather than explain it myself I will let Anthony explain it to you....



Master model ship builder, former champion of Russia and chairman of the Russian Association of static ship modelers Alexander Dobrenko has been generous enough to offer his time in Australia to run some workshops for those who wish to learn the techniques used by many professional model ship builders. This will be an excellent opportunity for all level of modelers and we are anticipating to hold 1 week classes in 3 Australian cities in October 2007.

At this stage we are trying to gauge the level of interest that such a series of classes would attract in each state so that we can plan his travel itinerary within Australia.

Alex will not be charging any money for his time - only enough to cover his airfare, accommodation and food and as such a small nominal fee will need to be charged. This fee will depend on the number of people attending and we can advise once we gauge the level of interest.



HMS Victory



L'Ambiteux

If you are interested in attending the classes you will need to register your interest by the 31st of August by emailing Anthony Ramos at : antram04@yahoo.com.au

This by no means obliges you to attend - it only provides us with an indication of whether this project is going to be feasible. We will then contact you to provide you with additional information about the dates, location and costs.

If you have any additional questions please feel free to contact Anthony directly.

Replicas

The Hector

For many people in mid-eighteenth-century Scotland, living conditions were appalling. They lived in sod huts and, burdened by high rents, could barely afford to feed themselves.

On September 15, 1773, the ship Hector (a Dutch Boot Ship built in the Netherlands) landed at Brown's Point in Pictou harbour Nova Scotia.



On board were 189 passengers consisting of thirty-three families and 25 single men. These passengers began the first Scottish settlement in Nova Scotia in what is not the town of Pictou.

Under the command of English born John Speirs as Master, the Hector left Loch Broom, Rosshire in July 1773. The "Hector" was a Dutch "Boot Ship", designed for cargo, and originally built in the Netherlands in the mid 18th century. She was rigged as a three-masted ship of 200 tons berthen with an overall length of 110 feet, a breadth of 22 feet and a depth inside the cargo hold of 11 feet, 6 inches. By 1773 the Hector was reported to have been in poor condition.

The Hector is constructed from mainly American White Oak and was carefully selected to be free from defects, knots, checks, etc. The knees are made of pine, naturally grown. Oak is very strong material but is also very heavy and therefore not all of the wood is oak:

Deck: Pine

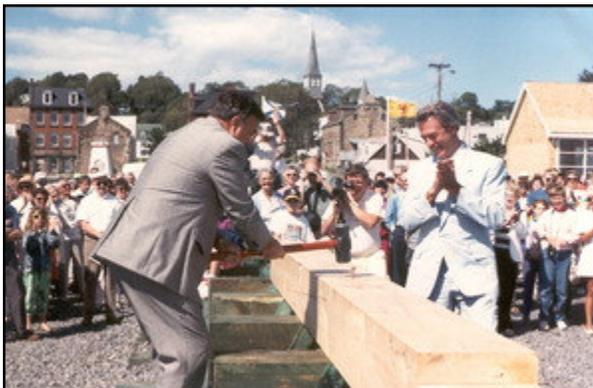
Ceiling: Spruce

Spars: Douglas Fir

Blocks: Elm

Total amount of wood approximately: 300 m³, 700m³ gross

Below and on the next page are some pictures of the construction of the replica ship.



Laying of the Keel 19 August 1990.

(cont'd...)

Work commenced in the Spring of 1991 with the arrival of the remaining frames from Scotia Trawlers along with a gang of experienced shipwrights from that company and Quay tradesmen and apprentices. These components of the ship were assembled and raised into position using traditional method of blocks and tackles. A blacksmith shop, and carpenter shop were also relocated to the Quay



Dubbing of the side frames in order to fair the ship to accept hull planking was completed. Transom pieces were fitted and modified, filling pieces and most inserts were installed and the deck beams were dubbed as with the side frames to accept the deck plank. The installation of hanging knees to the deck beams and ceiling under the main deck commenced as far as material would allow.

Various stages of the build...



Work and maintenance on the ship is still ongoing.

Pictou used to be a Port of Registry for vessels but this distinction was removed when governments were cut back. Through their local Member of Parliament, Mr. Peter MacKay, Pictou was reinstated long enough so that the Ship Hector became the last vessel to be registered in this town.

You can learn more about the Hector Replica at:

www.townofpictou.com

Model Ship Builder - The Matthew Project

For any of our readers who have frequented the Model Ship Builder website for a while now you know that we have been working on *The Matthew Project*.

The goal of the project is to provide our visitors with a unique chance to take part in the building of a model of the historic caravel "The Matthew", the ship sailed by John Cabot when on his discovery of the New World.

In 1997 I had the pleasure of being in St. John's Newfoundland when a replica of The Matthew built in Bristol England (more commonly known as the Bristol Matthew) made it's historic 500th anniversary voyage across the ocean and had the pleasure of being able to go aboard her.



Queen Elizabeth was on hand to meet the Matthew as she arrived at Bonavista Newfoundland (the supposed landing site of Cabot) just prior to the ship making the trip into St. John's.

The town of Bonavista Newfoundland has also constructed a replica of this ship to carry on the Legacy and it is berthed their for visitors to view.

Just this past month I had the pleasure of being able to view her too. If you are ever in Newfoundland I strongly urge you to take a trip to view this ship. It's truly amazing.

Over the past year I was able to obtain a full set of plans for the replica and am currently working with others to bring you a set of modeling plans for this fine ship and the opportunity to work on a truly unique scratch built model of the ship.

For those who take part in the build you will not only be able to build the model but also be able to participate in the models development as this will be a true collaborative effort.

There are still some details to iron out before the project begins (i.e. completion of initial plans, permissions etc...) but we will be sure to keep you updated on our progress both through the MSB Journal as well as the Model Ship Builder website. We expect to start the build some time over the next couple of months so it will be a great project for the fall and winter months.



From the Files of Ship Wreck Central



Celebre was a French warship of 64 guns commanded by De Marolle in 1758. She was built in Brest.

British cannon fire struck the poop of the CELEBRE during the siege of Louisbourg and set off some cartridges. The fire caught her mizzen mast, and the small number of men aboard were unable to put it out. Sparks from the fire set fire to the ENTREPRENANT which in turn set fire to the Capricieux.

All three vessels were destroyed in the enormous fire as they drifted across the harbour, guns spontaneously shooting off in the heat. The fire destroyed over half the remaining French fleet in Louisbourg. The defenders were demoralized. The besiegers, although encouraged, were also moved by the inferno. "To humanity, altho an enemy, the scene was very shocking," wrote a British officer. The large number of wrecks which fell victim to the siege at Louisbourg make underwater identification difficult. Which one of the many wrecks in Louisbourg Harbour was Celebre? Careful archaeology by Parks Canada provided the answer. A bronze tube was the key to identifying the wreck of Celebre. Called "the working barrel" it was part of a hollow tube which allowed water to be pumped out of the "bilges" (the bottom of the ship).

Different French shipyards used different barrel lengths. This particular length was used on vessels made at Brest. Because Celebre was the only sunken warship at Louisbourg built at Brest, a positive identification could be made.

Celebre's wreck is protected from the open ocean by Louisbourg's harbour and is well preserved. It is also close to the Fortress Louisbourg National Historic Site which has made it easier to protect from souvenir hunters. The wreck has been carefully documented and a limited number of artifacts have been taken up for study. The wreck is open to supervised recreational diving booked through licensed tour operators at Louisbourg. Its rows of cannons and mounds of recognizable artifacts make it a popular international diving attraction.

You can view dive footage of the Celebre at www.shipwreckcentral.com

Go to the interactive map
Zoom in on Nova Scotia, Canada
You'll find the Celebre at the north east tip of
Cape Breton Island

Clubs & Organizations

Each month we display a list of clubs and organizations from around the world which you may find useful in your modeling. You will find everything from general modeling clubs to websites where you can pursue research on projects you are working on. You can check at the MSB website for a more complete list (www.modelshipbuilder.com/resources/links.html).

Hyde Street Pier Model Shipwrights

San Fransisco, California, USA

The Hyde Street Pier Model Shipwrights are associated with the San Francisco Maritime National Historical Park, a unit of the National Park Service, and have a model shop aboard the historic ferryboat Eureka berthed at the Hyde Street Pier. Meetings are on the third Saturday of each month at 9:30 a.m. aboard the ferry Eureka. Anyone interested in model shipbuilding is welcome to attend our meetings. Members can offer advice and support on all stages of model shipbuilding, from selecting a kit for your first model to advanced layout and scratch building. We also teach ship modeling classes for beginners on most Saturdays throughout the year. Currently, the club is engaged in researching and building a model of the Freda. Built in 1885, it's the oldest registered sloop on the West Coast. Freda is currently undergoing major restoration at the Spaulding Wooden Boat Center in Sausalito. This project provides an opportunity to study the Freda's construction and build a unique model. For additional information, please e-mail: Paul Reck at stoddardnh@comcast.net or Leo Kane at kanebulota@sbcglobal.net or call the Park's volunteer office at (415) 556-1613.

Shipcraft Guild of New York

<http://www.shipcraftguild.org/index.htm>

Modeling Forums

Join a modeling community!

Lauck Stree Shipyards Forum - www.lauckstreeshipyards.com

Ship Model Forum - www.shipmodeling.net

Model Ship World - www.modelshipworld.com

DryDock Models - www.drydockmodels.com

Model Boat Mayhem - www.modelboatmayhem.co.uk

Plank Bending

by: Jerzy Bin

This morning while preparing for bending of my 2nd wale on the stem of my 17th century galleon **Wodnik**, I thought I would capture all my steps while bending 3 x 5 mm (0.11 x 0.19 inches) African walnut planks.

Since my planks are 3 mm thick and walnut is relatively hard wood, a simple candle solution I used before would not work I assumed. A few weeks ago I bought a 30 watt soldering iron which you can buy from many local modeling or on-line shops. It looks as normal soldering iron but is a bit weaker and has this round ending nob.



I place the planks in room temperature water for about 10 minutes to soak a bit. Then I start to fondle it with hot iron's ending nob. Immediately you will see and hear the steam going from the wood.



There is no way to bend a plank after first attempt! So do not try otherwise you will brake the precious plank!

This is sort of longer process and all forces must be applied with care and very gently, bit by bit. I was trying to capture those stage with the camera. After few minutes of fondling with the plank where the objective was really to warm the plank deeper inside, I start to press harder. I figured out that it is actually easier to position the iron vertically. I press a bit downward and hold the iron in the same position for half a minute or so. Upon releasing of the force, the plank will come back a little bit to its former shape but not fully.





And then of course I keep on pressing and releasing and so on until I am happy with the result. Aha, I forgot about something. The plank will get dry after few minutes so from time to time I soak it with water again only to make it wet on the surface. When the plank is 80% pre-shaped and still a bit wet position it on the hull and clamp it to dry fully out but in correct bent position.



Mistakes can happen, due to wood structure or human error, mine in this case, that the wood grain will split because of too strong force while wet. Well, bad luck. If the damage is very small and could in time, perhaps CA glue can help, if not.... Well you have to start from the beginning. Sorry.

So now I leave my Wodnik's stem to dry and this time the split is not big and I caught it in time. After sanding it will not even be visible. I hope this small report from my plank bending will be of some help. **Cheers! Jerzy**

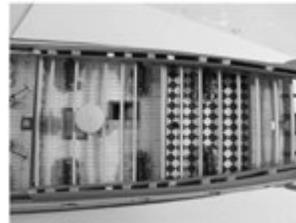
Practicums Based On Kits



Armed Virginia Sloop
Freshman Course



USF Constitution
Sophomore Course



Privateer Rattlesnake
Junior Course



HMS Victory
Senior Course

The Lauck Street Shipyard LLC, by Professional Modeler Robert E. Hunt

The Lauck Street Shipyard is pleased to present **The College of Model Shipbuilding**, a progressive series of practicums based on kits.

Freshman Course

Model Shipways Armed Virginia Sloop

- Kit Number MS2160
- 9 chapters cover full construction
- No modifications to kit design
- Only hand tools required
- \$90.00, kit purchased separately

Sophomore Course

Model Shipways Constitution

- Kit Number MS2040
- 12 chapters cover hull construction
- Optional masting and rigging
- Some power tools optional
- Several enhancements offered
- \$120.00, kit purchased separately

Junior Course

Mamoli Privateer Rattlesnake

- Kit Number MV36
- Kit Number MS2028 will also work
- Introduction to kitbashing
- 2 construction methods shown
- 9 chapters covering hull construction
- Optional masting and rigging
- Power tools required to kitbash
- \$105.00, kit purchased separately

Senior Course

Panart HMS Victory

- Kit Number MA738
- Heavily kitbashed
- Adapts John McKays plans to kit
- Only kitbashed construction shown
- Requires replacement of kit wood
- Heavy use of power tools
- 24 chapters cover full construction
- \$200.00, kit purchased separately

All courses are distributed on CD in Adobe Acrobat Reader format (PDF). Online secure store available at <http://www.lauckstreetshipyard.com>. Or send Check or money order to:
Lauck Street Shipyard LLC, 129 Abby Lane, Strasburg, VA 22657 Email boh hunt@lauckstreetshipyard.com

Ships from the Past



Anna B. Smith (American Schooner, 1892). Served as **USS Anna B. Smith** (ID # 1458) in 1917-1918

Anna B. Smith, a 70' 6" schooner, was built in 1892 at Little Choptank River, Maryland. A working craft of typical Chesapeake Bay type, she was owned by the Conservation Commission of Maryland when the Navy took her over for World War I service in August 1917. During the next year, Anna B. Smith was assigned to the Fifth Naval District and served on Maryland and Virginia waters. She was decommissioned and returned to her owner in late November 1918.

Among the armed British ships which saw service in the first decade of the nineteenth century was the brig General Hunter, launched at Amherstburg in 1807. Named after Peter Hunter, late commander of the British forces and Lieutenant-Governor of Upper Canada, the new vessel was armed with six cannons and joined in service the Earl of Camden, also built at Amherstburg. Her remains were recently uncovered on a beach near Southampton, Ontario, Canada.



The HMS Implacable (right) and the HMS Trimcomalee. The Implacable was scuttled in 1949 while the Trimcomalee has been destined for restoration.

“On The Cover”



On the cover this issue is a midship view of “Boullongne” of 1759, a ship of the “French Company of the Indies” (*Compagnie Française des Indes*). Below are a few more pictures of this fine model built by model ship builder Arthur Molle.



You can view more pictures of the “Boullongne” at Arthur’s website:

<http://www.touscollectionneurs.com/arthurmolle/images/boullongne/index.htm>

Updates at Model Ship Builder

ModelShipBuilder.com is starting to grow!

Get your own "**you**"@**modelshipbuilder.com** email address today along with other free online applications. Registration is simple and Free!

- 2 GB storage
 - Calendar
 - Docs & Spreadsheets (import & export popular file types....i.e. MS Word, Excel)
 - Chat
 - Share your apps and calendar with others.
 - You can even work on the same document with someone else at the same time.
- Offering a true collaborative online tool.

We've partnered with Google to bring you the most up to date email service on the web.

To register go to www.modelshipbuilder.com

Artesania Latina

For those of you who like to build models by Artesania Latina, we've added a small collection of their models to the Model Ship Builder Amazon Store. There's some great prices so check them out at the website.

Copier Scaler

A handy little tool to help you rescale your drawings, with special adaptability to the limits of photocopiers and their enlarging/reduction limitations.

Check it out in the Resources Section

Looking to buy books on model building?

Be sure to check our online store!

Great prices!

Contributor Pictures

We've had quite a few submissions for this issue. To make your submissions simply send them to msbjournal@modelshipbuilder.com.



Following up from the last issue here's Mike Pendleburys 1/12th scale Oakley Lifeboat build.

Mike added: *"It is of the RNLB THE WILL AND FANNY KIRBY which was stationed on the East Coast of England at the Flamborough (North Landing) Lifeboat station, sadly now closed for many years. This station had the boathouse halfway up the cliff side and lauched down a ramp into the sea, quite spectacular to see when it hit the water at about 30mph (46 kmh)!!!"*

Sounds like that would make an amazing ride at an amusement park too! :-)

(Cont'd...)

Nautical Terms for the Model Ship Builder

Pintles and Gudgeons

Gudgeon - A ring shaped fitting into which the rudder pintle is inserted which allows the rudder to pivot.

Pintle - A tapered metal pin which fastens the rudder to the stern by dropping into gudgeons



Here's some pictures sent in by Marc from Crown Point, IN, USA.
Definitely an interesting collection.



Friese Tjalk - Boat used in the Province of Friesland to haul coal and lumber and large items.

Steenschuit - Boat used for hauling stone.



Zuiderzee botter - boat used in Holland's only large inner lake for fishing.



And finally from Marc a couple of pictures of the HMS Bounty from a Constructo Kit.

Lauck Street Shipyard presents true Plank on Frame Kits



Fair America, 1780 - \$400.00



Halifax, 1768 - \$500.00

Our kits feature CNC milled parts, a building jig that ensures easy framing, full color practicum on CD, original printed plans, photo CD's and fittings package. The Fair America includes photo etched parts while the Halifax includes resin castings.

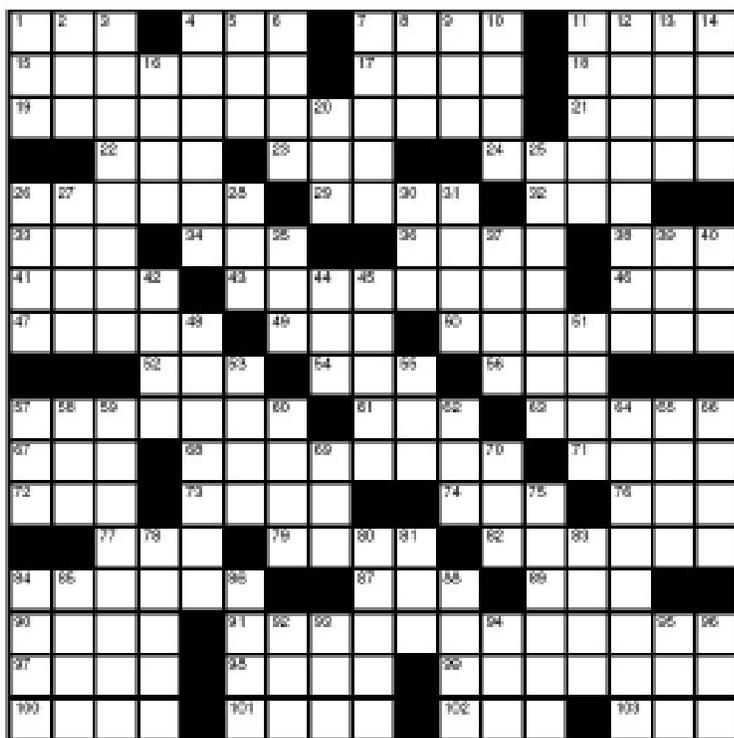
Check out our College of Model Shipbuilding courses also - practicums based on popular kits. These include the Armed Virginia Sloop, Constitution, Pride of Baltimore, Rattlesnake, HMS Victory, Bluenose, Duke William and Hannah.

For additional information or to receive our full color catalog, please call us or visit our website.

The Lauck Street Shipyard, LLC - 129 Abby Lane - Strasburg, VA 22657 - (540) 535-5912

Warships by Nickname

by Gene Bodnar



Across

- 1** Bull ___ china shop
4 Have second thoughts
7 Sound of a barking dog
11 From a great distance
15 Light source
17 Hindu princess
18 Forearm bone
19 French ship *Hoche*
21 Work party
22 CD-___
23 Watched the neighbor's kid
24 Fries quickly
26 Tomboy
29 Best place for wurst
32 Dernier ___ (the latest fashion)
33 Electric discharge
34 Uncooked
36 Smell
38 Slangy betrayer
41 Grazing lands
43 *USS Missouri*
46 Kind of poem
47 Lenya who's mentioned in "Mack the Knife"
49 Besides
50 Republic on the Mediterranean
52 "___ of Good Feeling"
54 Egg cells
56 Bert's twin
57 Answer
61 Recede, as a tide
63 Championship
67 Mont Blanc, for one
68 *HMAS Brisbane*

- 71** Lean-to, for one
72 Outback runner
73 Wight, for instance
74 Hide-hare connection
76 The day before
77 ___ de Janeiro
79 Scat singer Fitzgerald
82 Warning bell
84 Chinese, for example
87 Stale
89 Male gobbler
90 Space for movement
91 *USS Lexington*
97 Golf necessity
98 Atmosphere
99 Jalopy
100 Dame Myra
101 Pilsner or lager
102 Make lace
103 Letter after zeta

Down

- 1** Under the weather
2 No, in Falkirk
3 French ship *Henri IV*
4 Hole-enlarging tool
5 Coffee vessel
6 Concludes
7 Penned
8 Cereal grass
9 Unique
10 French girls
11 Forecast
12 *HMS Argus*
13 Novelist Tyler
14 From ___ to riches

- 16** Stepped
20 Owned
25 Circus performer
26 Vestibule
27 Chocolate cookie
28 Cambodia's neighbor, for short
30 Caboodle
31 Pastoral composition
35 Ingenious humor
37 Prophetic sign
39 Bustle
40 Number of Canadian provinces
42 Footprint
44 Gunk
45 Shack
48 Wearing away
51 Black cuckoos
53 Pismires
55 Start of a *Sesame Street* song
57 Arctic explorer John
58 Shade tree
59 *HMS Furious*
60 Editor's squiggly mark
62 Ostracize
64 *HMS London*
65 Apparel manufacturer Strauss
66 Place of bliss
69 It's a moray
70 Bambino
75 Inferior alcoholic beverage
78 Metrical units
80 Of an ear part
81 Whole schmear
83 Jazz saxophonist Al
84 Curved structure
85 Flat-bodied fish
86 Pierce
88 Channel through which liquid flows
92 Quality of a color
93 Before, in poetry
94 Guido's high note
95 Coiffure
96 Singing syllable

Dates in American Naval History

August 1, 1801 - U.S. Schooner Enterprise captures Tripolitan ship Tripoli.

August 3, 1804 - An American Squadron including the USS Constitution attacks Tripoli.

August 8, 1813 - US Schooners Hamilton and Scourge founder in storm on Lake Ontario.

Warships by Nickname Answers

I	N	A		R	U	E		W	O	O	F		A	F	A	R
L	A	N	T	E	R	N		R	A	N	I		U	L	N	A
L	E	G	R	A	N	D	H	O	T	E	L		G	A	N	G
		R	O	M		S	A	T		S	A	U	T	E	S	
H	O	Y	D	E	N		D	E	L	I		C	R	I		
A	R	C		R	A	W			O	D	O	R		R	A	T
L	E	A	S		M	I	G	H	T	Y	M	O		O	D	E
L	O	T	T	E		T	O	O		L	E	B	A	N	O	N
			E	R	A		O	V	A		N	A	N			
R	E	S	P	O	N	D		E	B	B		T	I	T	L	E
A	L	P		S	T	E	E	L	C	A	T		S	H	E	D
E	M	U		I	S	L	E			N	O	R		E	V	E
		R	I	O		E	L	L	A		T	O	C	S	I	N
A	S	I	A	N	S			O	L	D		T	O	M		
R	O	O	M		T	H	E	B	L	U	E	G	H	O	S	T
C	L	U	B		A	U	R	A		C	L	U	N	K	E	R
H	E	S	S		B	E	E	R		T	A	T		E	T	A