

Great Loop

Navigation Notes

Compiled by
Captain Alan Lloyd



Middle Bay Light, Mobile Bay.

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Great Loop

Navigation Notes

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These Navigation Notes are intended for vessels having a draft less than 5 feet and bridge clearance less than 20 feet proceeding round the Great Loop in a counterclockwise direction.

While every effort has been made to ensure the accuracy of these navigation directions, I cannot be held responsible for any errors. The Captain is ultimately responsible for the safety of his vessel.

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Alan Lloyd

The Great Loop

Since this is a Loop we can start anywhere. Let us assume we start at Chicago. We follow the Illinois and Mississippi Rivers down to the Ohio River. A few miles up the Ohio we turn right into the Cumberland River. This takes us to the Land Between the Lakes Region. The Barkley Canal allows a switch to the Tennessee River which is cruised upstream to Pickwick Lake. From here the Tennessee-Tombigbee Waterway takes us all the way south to Mobile, Alabama.

On the horizon of Mobile Bay is the first lighthouse. A line from the lighthouse leads directly to the Gulf Intracoastal Waterway. At Carrabelle, we may wait for a weather window to cross the Gulf of Mexico.

The direct crossing from Carrabelle to Tarpon Springs is 170 miles. Boats that do not have sufficient range, or do not wish an overnight trip, make an intermediate stop at Steinhatchee. Boats drafting less than 4.5 feet may also include a stop at Crystal River.

The Gulf Intracoastal Waterway begins again at Tarpon Springs and takes us to Tampa Bay and St. Petersburg then on to Fort Myers. Here we turn inland on the Okeechobee Waterway. There is an alternate route round the southern tip of Florida. This is the Florida Keys Route and is also covered in these notes.

A left turn on the East coast of Florida puts us on the Atlantic Intracoastal Waterway at mile 1000, heading north. We leave the ICW briefly at Morehead City, NC. for a detour into Beaufort. Later, at mile 80, there is a choice of two routes. Route 1 is the main ICW route. Route 2 is the Dismal Swamp Canal route. Both routes are included in these notes.

Follow the west shore of Chesapeake Bay with stops at Norfolk, Deltaville, Solomons and Annapolis. We return to the coast at Cape May, NJ. Most loopers take the outside route through New Jersey. After Manasquan Inlet we have no choice but to go outside to New York City.

150 miles up the Hudson River is Troy, NY where we turn west via the Erie Canal to Oswego, NY and cross Lake Ontario to Canada. A sightseeing tour of Thousand Islands is included. The Champlain Canal is an alternative to the Erie Canal for boats that can pass under a 17-foot bridge. This route takes the cruiser to Montreal and Ottawa then traverses the historic Rideau Canal to Lake Ontario. The Champlain Canal Route is also covered in these notes.

From Lake Ontario we take The Trent Severn Waterway, a recreational waterway, to Georgian Bay. The Waubesa Channel takes us to Midland, Ontario. The Cognashene Bypass leads to the Georgian Bay Small Craft Route. At Pointe au Baril we go outside into Georgian Bay and rejoin the Small Craft Route at Byng Inlet. Our North Channel route includes the scenic Whalesback Channel and a number of popular anchorages.

At last we return to the USA, stopping at Mackinac Island and Beaver Island before following the eastern shore of Lake Michigan to New Buffalo. From New Buffalo we head across Lake Michigan to Chicago and the completion of our Great 5200 mile Loop.

The controlling bridge on the Great Loop is in the Chicago area above Lockport Lock. The railroad bridge at mile 300.6 is listed as 19.7 feet vertical clearance but is normally 20 feet.



Suggested Great Loop Itinerary

Page	Marina		Miles
1	Burnham Harbor	Chicago, IL	
2	Bicentennial Park	Joliet, IL	43
2	Heritage Harbor	Ottawa, IL	46
3	Anchorage Mile 193.3	Lower Henry Island	50
3	IVY Club	Peoria Heights, IL	25
3	Anchorage Mile 106.9	Bath Chute	61
4	Anchorage Mile 46.5	Buckhorn Island	61
4	Grafton Harbor	Grafton, IL	46
4	Hoppies	Kimmswick, MO	58
5	Tie to Lock wall	Kaskaskia Lock	42
5	Anchorage Mile 48.8	Little River Diversion Channel	70
5	Anchorage Mile 966	Turner Landing	64
6	Paducah Marina	Paducah, KY	31
6	Green Turtle Bay	Grand Rivers, KY	46
6	Paris Landing State Park	Paris TN	45
7	Pebble Isle	New Johnsonville, TN	30
7	Clifton Marina	Clifton, TN	63
8	Grand Harbor	Pickwick Lake	56
8	Midway Marina	Fulton, MS	56
9	Columbus Marina	Columbus, MS	60
9	Anchorage Mile 270	Sumter Landing	65
9	Demopolis Yacht Basin	Demopolis, AL	54
10	Anchorage Mile 145	Bashi Creek	71
10	Bobbie's Fish Camp	Bladen Springs, AL	26
10	Anchorage Mile 53	Alabama River Cut-off	67
11	Grand Mariner	Mobile, AL	67
11	The Wharf Marina	Orange Beach, AL	41
12	City Dock	Fort Walton Beach	65
14	Bristol Harbor Marina	Panama City, FL	67
15	Scipio Creek Marina	Apalachicola, FL	61
16	The Moorings	Carrabelle, FL	30
17	Sea Hag	Steinhatchee	85
18	City Marina	Tarpon Springs, FL	120
18	Municipal Marina	Clearwater Beach, FL	22
20	Municipal Marina	St. Petersburg, FL	38
21	Marina Jack	Sarasota, FL	40
21	Crow's Nest	Venice, FL	18
22	Anchorage Mile 25	Cayo Costa State Park	34

Figures in red indicate a long journey

Page		Marina		Miles
24		Municipal Yacht Basin	Fort Myers, FL	40
25		City Dock	Moore Haven, FL	56
26		Indiantown Marina	Indiantown, FL	50
27		City Marina	Fort Pierce, FL	52
28		Melbourne Harbor Marina	Melbourne, FL	49
28		Municipal Marina	Titusville, FL	41
29		Halifax Harbor Marina	Daytona Beach, FL	48
30		Municipal Marina	St Augustine, FL	54
31		Fernandina Harbor Marina	Fernandina Beach, FL	62
32		Jekyll Harbor Marina	Jekyll Island, GA	32
35		Anchorage Mile 623	Walburg Creek	64
36		Thunderbolt Marina	Savannah, GA	37
37		Downtown Marina	Beaufort, SC	47
39		Charleston City Marina	Charleston, SC	66
40		Harborwalk Marina	Georgetown, SC	67
40		Barefoot Marina	Myrtle Beach, SC	52
41		Southport Marina	Southport, NC	44
42		Anchorage Mile 285	Wrightsville Beach, NC	28
43		Caspers Marina	Swansboro, NC	55
43		Beaufort Municipal Docks	Beaufort, NC	28
45		Belhaven Marina	Belhaven, NC	70
46		Alligator River Marina		54
47		Midway Marina	Coinjock, NC	37
48		Waterside	Norfolk, VA	49
49		Regatta Point Marina	Deltaville, VA	59
50		Spring Cove Marina	Solomons, MD	65
51		The Yacht Basin Company	Annapolis, MD	53
52		Summit North Marina	Bear, DE	64
53		Utsch's Marina	Cape May, NJ	67
53		Farley Marina	Atlantic City, NJ	45
54		Hoffman's Marina	Brielle, NJ	62
55		Liberty Landing Marina	Jersey City, NJ	47
55		Half Moon Bay	Croton-on-Hudson	37
56		City Marina	Kingston, NY	55
56		Shady Harbor Marina	New Baltimore, NY	42
57		Erie Canal Welcome Center	Waterford, NY	27
58		Riverlink Park	Amsterdam, NY	38
58		Riverfront Park	Canajoharie, NY	23
58		Little Falls Harbor	Little Falls, NY	19
58		After Lock 20	Marcy, NY	26

Page		Marina		Miles
58		Town Wall	Sylvan Beach, NY	25
59		Overnight Dock	Phoenix, NY	34
59		After Lock 7	Oswego, NY	21
60		Municipal Dock West	Clayton, NY	64
61		Municipal Marina	Gananoque, ON	28
61		Confederation Basin	Kingston, ON	19
62		Anchorage	Hallowell Mills Cove	37
62		Trent Port Marina	Trenton, Quinte West, ON	40
63		After Lock 6	Frankford, ON	8
63		Old Mill Park	Campbellford, ON	23
63		Before Lock 18	Hastings, ON	20
64		Municipal Marina	Peterborough, ON	39
64		Before Lock 27	Youngs Point	16
65		After Lock 31	Buckhorn	17
66		Before Lock 32	Bobcaygeon	17
66		After Lock 34	Fenelon Falls	16
67		Port of Orillia	Orillia, ON	48
68		Before Lock 43	Swift Rapids	27
69		Midland Harbour	Midland, ON	28
70		Henry's Fish Restaurant	San Souci	35
71		Big Sound Marina	Parry Sound	15
73		Wright's Marina Ltd.	Britt	60
74		Anchorage Mile 28	Bad River	30
75		Killarney Mountain Lodge	Killarney	40
76		Town Docks (Wally,s)	Little Current	24
76		Anchorage	South Benjamin Island	21
78		Blind River Marine Park	Blind River	45
78		Drummond Island Yacht Haven	Drummond Island, MI	44
79		State Dock	Mackinac Island, MI	47
79		Municipal Marina	Beaver Island	46
79		Municipal Marina	Charlevoix	33
80		Township Harbor	Leland	36
80		Municipal Marina	Frankfort	42
80		Snug Harbor	Pentwater	65
80		Municipal Marina	Grand Haven	58
80		Municipal Marina #2	South Haven, MI	48
80		Municipal Marina	New Buffalo, MI	50
81		The Hammond Marina	Hammond, IN	40
2		Bicentennial Park	Joliet, IL	49
Figures in red indicate a long journey			Total Miles	5200

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Great Loop Cruise

Cruising Down the River

Lake Michigan was as calm as a millpond on the early Sunday morning we began our Great Loop Cruise. As we slowly idled along the Chicago River, Jean was on the bow, her neck



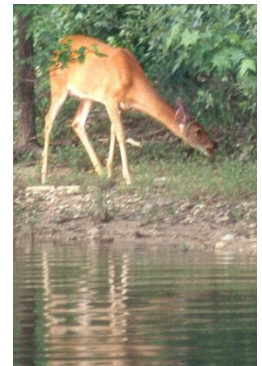
craned to see the tops of the buildings disappear into the mist. There were no other boats. Later in the day, tourist boats from Navy Pier will make the same journey and they will call it an architectural tour. We used the Chicago street map to track our position as the bridges were clearly marked with road names. One bridge has a fixed height of only 17.6 feet, no problem for us, but some larger motor yachts have to take an alternate route via the Calumet River.

We entered the Chicago Sanitary and Ship Canal where barges were parked along both sides. At one point, barges were double-parked and we had to zigzag between them adding a little excitement. The canal ends and the Illinois Waterway begins at Lockport Lock where many loopers from Lake Michigan receive their first lesson on locking through. Here are a few tips. Call the lockmaster on VHF and wait for the green light before entering the lock. Wear a life vest. The Lockmaster will hand you two lines. Do not tie the lines to a cleat although you can wrap half a turn and hang on to the end of the line. After the water drops and the lower gate opens, wait until the lockmaster signals with a horn blast that it is safe to release the lines.

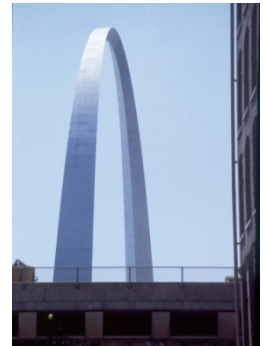
The scenery changed as we went from canal to river, and we started to see great blue heron wading ankle deep along the shore. We arrived at Starved Rock Lock and as we waited we looked up at the 125-foot sandstone bluff where in 1765 the Illini Indians retreated after murdering Chief Pontiac of the rival Potawatomi tribe. Bent on revenge, the Potawatomis set siege to the rock until the Illini starved to death.

At Peoria we had a choice of marinas. The prestigious Illinois Valley Yacht Club (IVY Club) has a municipal bus stop at the gate to take you downtown Peoria. On the opposite shore there's Eastport Marina, an excellent facility with a pool and restaurant. The highlight of the evening is to watch the sun set over Peoria.

As we cruised along the waterfront the next morning, we came upon the *Spirit of Peoria*, a small red and white paddleboat, drifting aimlessly in the river. The captain told us the Illinois Corn Growers Association had rented a party barge for its annual meeting and were using his slip. This part of the river passes by farms and cornfields and we saw truckloads of golden grain being loaded on to barges at a bunch of silos. A pair of bald eagles flew across our path and settled in a tree to watch us cruise by, while a deer swam across the river ahead of us then struggled onto the bank and disappeared into the woods. Since there are no marinas along this stretch of the Illinois River, we found a deep channel behind a large island and anchored for the night.



There is nowhere for a transient cruiser to stop in St. Louis, so we spent a couple of nights at Alton Marina while we hit the high point of St. Louis which of course is the Gateway Arch. Later we took photographs of the Arch as we cruised along the Mississippi River. We realized what fantastic gas mileage we got at idle speed so we decided to travel at idle speed for the rest of the Mississippi as the boat was hitting 12 mph thanks to the current of the 'Old Miss'. During this leg we enjoyed eavesdropping on the tow captains as they chatted on their radios. The river is loaded with sand bars and we heard one captain compare the river to the Sahara Desert because of low water levels. Soon the radio was filled with securite calls from tow captains broadcasting their locations and intentions as we approached the junction where the Ohio contributes to the waters of the Mississippi. We entered the Ohio and since we were now cruising upstream we had to remind ourselves to keep the red buoys to starboard.



A new lock is under construction called Olmstead Lock and Dam which will take 15 years to complete. It will replace two smaller locks and dams that we were now approaching. We could see the lock but not the dam. The Lockmaster assured us it was safe to go over the dam because the river water was unusually high. But it just felt strange.

Our thirsty engines drank gallons of gasoline at Paducah Marina as this was the first gas stop since leaving the suburbs of St. Louis 205 miles earlier. Arriving at Green Turtle Bay Marina was a relief as the most tiring part of our loop was now over. Coming up is Duncan Bay, our favorite anchorage in The Land Between The Lakes Recreation Area.

Locks and dams divide the Tennessee River into a series of lakes, Kentucky Lake being the longest at 180 miles. The lake ends at Pickwick Lock and Dam where we made a right turn into the Tenn-Tom. The Tennessee-Tombigbee Waterway opened in 1985 to connect the Tennessee and Black Warrior Rivers. It provides a route from Chicago to The Gulf of Mexico that is an alternative to the Mississippi. The ten locks and dams on the waterway plus two more on the Black Warrior make this a slack water route compared to the Mississippi with its sometimes dangerously swift currents.

We stopped for a while at Columbus Marina because it is adjacent to the largest town on the Tenn-Tom. Demopolis Yacht Basin was also a 'must-stop' because it is the last place to stock up on provisions before venturing down Black Warrior River through two hundred miles of the remotest parts of Mississippi and Alabama.



After the isolation of the previous days, piloting through the busy harbor of Mobile was a major event. Ocean going freighters, river tows, tugs, were all going in different directions. Reaching the wide-open waters of Mobile Bay in Alabama was a milestone. We circled around taking photographs of Middle Bay Lighthouse, our first lighthouse, and then headed for the next waypoint.



The Sunshine State

Eventually we reached Carrabelle, Florida, the end of the Intracoastal Waterway. We had climbed to the high diving platform, walked to the edge and were about to jump off to the Gulf of Mexico, the biggest challenge of our boating career. Most trawlers and sailboats take a direct route from Carrabelle to Tarpon Springs, a distance of 170 miles. Our boat, however, does not have sufficient range for a direct crossing so we planned an intermediate stop at Steinhatchee.

We set off before daybreak following the lighted markers to the mouth of the Carrabelle River. Dawn broke as we passed through East Pass Inlet into the Gulf of Mexico. The GPS read 72 miles to the waypoint. We were soon out of sight of land and heading into the rising sun. The waves were about two feet and the autopilot handled them with ease. We were able to stay on plane for the whole crossing. After three hours we sighted a small post on the horizon. As we got closer we saw it was a 19-foot green marker displaying the number one - our waypoint. We had challenged the Gulf of Mexico and survived.

The second day of our crossing, Steinhatchee to Tarpon Springs, was as comfortable as the first. We tracked our position until level with Cross Florida Greenway. Although twenty miles east, this would be a safe haven if the weather turned nasty. The weather was perfect, however, so we continued towards the far horizon.



Tarpon Springs has a strong Greek heritage. It seems the first Greeks to arrive noted a similarity between diving for sponges in the Mediterranean and diving for sponges in the Gulf of Mexico. More sponge divers followed. Now Tarpon Springs is the place to enjoy gyro and baklava after buying your souvenir sponge.

The West Coast of Florida is a delightful cruising area protected by a handful of barrier islands. The local real estate agent told us many loopers don't go any further having discovered paradise right here.

Indeed, Jimmy Buffet was inspired to write the song 'Cheeseburger in Paradise' on the barrier island of Cabbage Key.



Back in the real world we are faced with a choice. Do we continue south to the Florida Keys or take a short cut across Florida? We decided to leave the Keys for another time and crossed Florida via the Okeechobee Waterway. It was a relief to be back in fresh water after so much salt. We were in time for the July 4th fireworks in Stuart. We banded a left on the Intracoastal Waterway around Mile 1,000 heading north towards Mile 0. We docked at Vero Beach and walked across to the Atlantic Ocean, another milestone.

The Eastern Seaboard

After leaving Florida, we made our way through Georgia towards the Carolinas. The route across Georgia passes behind a series of islands that provide a barrier from the Atlantic Ocean. There is no protection, however, as you pass the gap between islands. The ocean was full of fury on the day we crossed the wide St. Andrews Sound and we were glad for the shelter of the Waterway. Our entry into Charleston, South Carolina, where we once lived, was a homecoming of sorts and it was exciting to recognize familiar places. We stayed at The City Marina, now privatized and completely remodeled after being destroyed by Hurricane Hugo in 1989. We toasted ourselves with a tasty drop of rum. The placid, tea-colored Waccamaw River was the most scenic segment of the Great Loop to this point. It twists and turns between banks of cypress trees until it becomes too narrow for navigation, giving way to a canal that we followed into Myrtle Beach. We stopped for a couple of nights at Barefoot Landing to sample the carnival atmosphere. After shopping for souvenirs, we experienced a spectacular, high-energy musical show at the Alabama Theater just a few steps from our boat. Sometimes there's no room to dock at this popular landing, but Barefoot Resort on the opposite side of the ICW also takes transients.



After crossing the border into North Carolina, we anchored with a dozen other boaters behind Wrightsville Beach near the municipal dinghy dock and went ashore to indulge in the local delicacy - cold custard. It tastes like very creamy ice cream. You gotta try it!

Next we docked at Elizabeth City, N.C. where Fred Fearing, a retired mail carrier invited us and some other boaters to his house for wine and cheese. On other occasions he has entertained celebrities such as Walter Cronkite and Willard Scott. That night's group included a solo sailor working his way from Cuba to New York City, and a South African couple who sold everything to buy a catamaran and sail forevermore.

The Dismal Swamp Canal, straight and narrow to the vanishing point, was a pleasant change of scenery. At one point it shares a rest area with highway 17, where motorists took our photograph and asked if we had seen the swamp monster. At the end of the lazy canal, we



suddenly found ourselves in the busy harbor of Norfolk, Virginia. We spotted red buoy 36 that marks mile 0 of the ICW. We were expecting a neon sign: 'Mile Zero -- Congratulations to northbound cruisers. You have just completed 1000 miles of ICW' but it is an ordinary buoy.



“Lighthouse ahead”, cried the forward lookout, spotting a flash of light through the haze of Chesapeake Bay. We had seen replicas of lighthouses in gift shops but now we were collecting real ones. We added Wolf Trap and Smith Point to our collection but the *centerpiece* of our Chesapeake collection was the Thomas Point Shoal light, built in 1875.



After the Chesapeake, we rested at Cape May situated where Delaware Bay meets the Atlantic Ocean. This Victorian seaside resort is a delightful anachronism despite the fee to walk on the beach. We were a little apprehensive to be boating in the vast Atlantic Ocean but the ride to Atlantic City, New Jersey, was surprisingly pleasant. The huge marquee in the harbor read “Golden Nugget”. Not surprisingly, the Farley Marina includes a casino in its list of amenities.



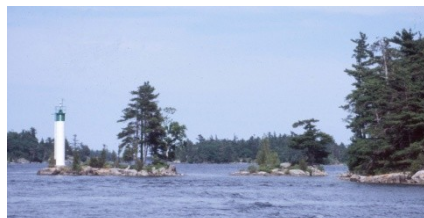
Millions of immigrants wagered their lives on a fresh start in Amerika. What a thrill it must have been for them, as it was for us, to pass under the Verrazano Narrows Bridge and see the Statue of Liberty in the distance. We cruised closer until we could read the expression on the lady’s face and the inscription on her book. This has to be the highlight of our trip. We cruised past Ellis Island and found a slip at Liberty Landing Marina, across the Hudson River from lower Manhattan.

We set off up the Hudson, past the Empire State Building and the passenger cruise terminals where the *Titanic* would have docked had she completed her voyage. Farther up the river we cruised between the highest mountains of the entire trip. Ocean going freighters were also boating up the Hudson and at the Port of Albany we saw these same ships berthed and unloading. A little further up, we came to a sign that read ‘Erie Canal turn left’. Now *that’s* easy navigation.



The first five locks are close together, like a flight of stairs up a hill. At the top, one can look back at an awesome view of the Hudson Valley. At first the Erie Canal utilizes the Mohawk River. Along the beautiful Mohawk Valley weeping willow trees mark the river’s edge. Halfway along the canal, the waterway opens into Lake Oneida, a 30-mile stretch perfect for a short sprint. Along the next length of canal, we came to a junction. A right turn took us to Oswego, New York. We expected a weather delay but the forecast was just within our limits so we decided to do Lake Ontario. We managed to get on plane almost as far as Galloo Island, halfway across, but then we had to slow down because of the rain and waves.

Oh! Canada



We took a circular tour of the Thousand Islands and the scenery was spectacular as the channel wound around tree covered islands. We entered Canada at Gananoque, Ontario, and immediately called customs. The fine for not calling is \$100 per hour! The next stop, Kingston Ontario with its sidewalk cafes, reminded us of a European city.



The highlight of this cruise, we thought, would be the Trent-Severn Waterway but when we arrived at Trenton Marina, Craig Carter calmly informed us that the Waterway was closed due to high water. He expected it to be open in a week, so we waited along with a dozen other cruisers. When the waterway finally opened, we made our way through 12 locks in one day. The next day it rained four inches and as we pulled into

Peterborough Marina, we were told the waterway was closed for two weeks. The Trent Severn had become an obstacle to be overcome instead of a pleasure to be enjoyed. Still, we admired the novel lift locks and enjoyed our ride on the Big Chute marine railway.



When the Trent Severn ended, a navigational challenge began immediately. There were rocks everywhere, some just below the surface. The Canadian Coast Guard has done a splendid job of marking the channel but woe betide any captain who passes on the wrong side of a buoy. We purchased a novelty item with two small buoys, one red and one green, that can be switched from side to side. We keep it at the helm as a cue.

We were now in Lake Huron's Georgian Bay that is so big it could be called the sixth Great Lake. The scenic route is along the eastern shore through an area of 30,000 rocky islands. A well-marked Small Craft Route twists and turns between these pristine isles and bluffs of pink granite. Any cruiser who can successfully steer into a marina should have no problem.

Have you heard the marketing mantra for success – location, location, location? How about a restaurant on a remote rocky island accessible only by boat or float plane? It seemed every boat in Ontario was rushing there. We were concerned the dock would be full. Paul Elliot, the owner of Henry's Fish Restaurant does not take reservations. No worries. It turns out he's an excellent boat/air traffic controller, juggling the slips among those stopping for dinner and those staying overnight and turning none away.



Point au Baril Lighthouse provided the next photo opportunity. The original light on the point was simply a lantern placed on a barrel. Now it's a pretty red and white lighthouse with washing hanging out to dry.



Now in this remote region where granite islands are sparsely covered with wind swept pines, the route gets narrower and rockier. Although the Coast Guard has done an excellent job of identifying the rocks, the captain must concentrate to stay between the reds and greens and delegate photo ops to the first mate.



We dropped anchor at The Bustards, a beautiful archipelago of pink granite in the northeast corner of the bay where the captain was able to snap some pictures. Bad River, another anchorage surrounded by rounded pink granite isles and bluffs, is just six miles along the route. The approach is not bad once you identify the correct set of range markers.

From our calm anchorage it was hard to believe there was a Small Craft Wind Advisory. The good news was the north wind had a relatively short fetch here at the top of the bay. Immediately on leaving the protection of the islands the waves rocked the boat. After ninety minutes we entered the calm of Collins Inlet. At the entrance to Collins Inlet is the shallowest water of the entire route, possibly five feet in low water years but again the channel is well marked and the bottom is soft mud. It is not really an inlet since it is open at both ends. It is a narrow 15-mile cut between high rock cliffs and a real pleasure to pass through.

The Small Craft Route ends at Killarney where they serve the best tasting fish and chips. Ahead lies the North Channel. At last the captain can relax a little and enjoy the scenery as the passages among the North Channel islands are wider and less complex. Here are so many idyllic anchorages and so short a season. At Baie Fine, where white quartz mountains surrounded us, we found a trail through the woods to Topaz Lake and picked and ate blueberries.



The Benjamin Islands, the most popular anchorage, has two dozen boats every summer evening. Ashore we climbed the high bluff to admire the scene and take a photograph of our boat completely alone as the season was ending.

Darrel McClean, the dock master at Blind River, invited me to celebrate the end of the Canadian segment at the Riverside Tavern. This reminded me of the time I lived in Ontario in the 1960's. Pubs had one room with nice décor reserved for ladies and escorts. An unaccompanied man had to drink in the back room until his date arrived. The tradition of 'Ladies-Escorts' continues at Riverside Tavern. We noted the latitude here was forty-six degrees north and realized that we were closer to the North Pole than the equator. Still not ready to leave Canada we hopped on a westbound Greyhound to Sault Ste. Marie to visit Canadian Bushplane Heritage Centre.

Back in the USA

Soon we returned to the States and I'm sure the temperature rose by at least 10 degrees as we crossed the dotted line. We made a beeline for Drummond Island Yacht Haven where the owner, Denny Bailey, is also the customs agent in this area. We had purchased the \$25 customs decal before beginning our Great Loop odyssey and with our passports immigration was a breeze.



We stopped at Mackinaw City Marina and took the express ferry to Mackinac Island where horses and bicycles are the sole means of transportation. The giant Mackinac Suspension Bridge is the dividing line between Lakes Huron and Michigan. We set our course for Beaver Island at the north end of Lake Michigan. Beaver Island was a contrast to Mackinac Island. Although cars are allowed, Beaver Island is much quieter and we enjoyed a walkabout along the shore to the St. James Lighthouse where we found a sobering memorial to locals who had lost their



lives on the Great Lakes.

Our route now lay down the eastern shore of Lake Michigan. There are marinas, most of which are state operated, about every 30 miles along this shore so we were never far from a safe haven. The marinas were crowded but we were never turned away although we usually had to share a slip with another boat. Leland Marina was built specifically as a harbor of refuge and no vessel is ever refused entrance. Marina personnel raft the maximum number of boats into the given space, a challenge they handle expertly.



There were more than 20 lighthouses to guide and illuminate our journey and we checked them off as we passed, - Point Betsie, Grand Haven, St. Joseph. A light fog descended on the lake one day making it difficult to see Big Sable Point Light until it suddenly appeared through the mist less than a mile away.

The last day, we had only 45 miles remaining, from New Buffalo to Chicago. The weather was perfect. From 45 miles out we could see the tallest buildings and we felt like shouting as we spotted the Chicago skyline. We smiled broadly as we pulled out our cameras and took pictures. We tied up at our last marina, and then broke open the champagne that we had carried more than 5000 miles for this very special moment.



Aids To Navigation

The art of navigation is knowing where you are and where to go from there.

Aids to Navigation are markers to help boaters determine their location and to identify the navigable channel. The Coast Guard maintains them. The abbreviation is ATON.

Daymarks. A daymark consists of a pile driven into the ground on which is usually attached either a large red triangle or a large green square. Daymarks are numbered to facilitate identification. Along the inland rivers, daymarks are not given a sequential number since they are identified by their mile mark. River miles are measured from the mouth of the river except for the Ohio River, which is measured from its origin.

A few daymarks have a diamond shape. These daymarks do not mark the navigable channel but, used with a nautical chart, can fix your position. On the inland rivers, diamond daymarks serve as heading beacons, ie. head towards the diamond to stay in the channel.

Buoys. Buoys are various sizes depending on the waterway. Larger buoys may be lighted at night. Unlighted buoys are often called nuns or cans. Nuns are red and have a conical top. Cans are green and have a flat top. Spar buoys are thin vertical cylinders.

Colors. Most buoys are either red or green. When entering a harbor or marina, red aids to navigation should be kept to starboard, green aids to navigation should be kept to port. Remember red right returning.

Some buoys have horizontal bands of red and green. These two-color buoys mark the junction of two channels and are sometimes called bifurcation buoys. Nuns and cans may also be used as bifurcation buoys. In this case nuns have the red band uppermost while cans have the green band uppermost.

Some buoys have red and white vertical stripes. These buoys mark the centerline of the channel and are usually passed close to port. There is a small red disc on top of these buoys to help you identify them and the disc is also included in the chart symbol.

Numbers. Buoys are numbered sequentially to facilitate identification, however buoys on the inland rivers are not numbered. Bifurcation buoys and mid-channel buoys are identified by letter(s) instead of a number.

Ranges. A range consists of two fixed vertical structures, one behind the other. The rear structure is slightly taller so it can be seen behind the front one.

You are in the center of the channel when the rear structure appears directly above the front one.

If the rear structure appears to the right (as in this picture) then you are to the right of the channel centerline.

A high tech version of a range utilizes a high intensity narrow focused light beam. You are in the channel when you see a white light. If you see a red or green light then you are off the channel to the red or green side respectively.

Sometimes the range structures are behind you. In Navigation Notes this range is called a back range.



INSTRUCTIONS

Read each line carefully from left to right.

Example 1

Notes	Course	Miles	<u>Aid To Navigation</u>		
	MAG		No.	Description	
			¹ R82	² TRIANGLE	³ P
	⁴ 182	2	⁵ G73	SQUARE	S

1. Look for Aid to Navigation '82'.
2. It will be a daymark with a red triangle.
3. Keep this Aid to Navigation on your Port side.
4. Turn the boat to 182 degrees magnetic.
5. After 2 miles, pass daymark G73 .

Example 2

			¹ G73	² SQUARE	³ S
⁴ GO TO WP 006	⁵ 175		⁶ G69	SQUARE	S
	⁷ 175		⁸ G65	N30-32.8 W88-01.5 SQUARE	S

1. Look for Aid to Navigation '73'
2. It will be a daymark with a green square
3. Keep this Aid to Navigation on your Starboard side
4. Use your autopilot **from this point** to navigate to Waypoint 6.
5. The compass should read 175 magnetic
6. Along the way pass Green daymark '69' on your starboard side.
7. Continue on autopilot
8. The coordinates of Waypoint 6 are N30-32.8 and W88-01.5

Waypoints are intended for use by an autopilot

WAYPOINT LIST follows page 82.

These are the coordinates of the waypoint, not the Aid to Navigation.

The nearest Aid to Navigation is given for convenience and may be a mile or more away from the waypoint. Navigate to the waypoint before turning to the next course.

For Best Results:

Keep this book at the helm and track your progress line by line.

Florida Keys Loop

Most loopers take the Okeechobee Waterway across Florida. An alternative route round the southern tip of Florida begins south of Pine Island Sound. The Florida Keys route adds 250 miles to the Great Loop.

The Florida Keys route begins with an open water crossing from Sanibel Island to Naples then an inland waterway behind Marco Island to Coon Key Pass. The charted depth along this inland route is only four feet but there is an additional three feet depth at high tide. We then cruise offshore along the boundary of the Everglades National Park to an anchorage at Little Shark River. Thirty miles further south, the tip of Seven Mile Bridge appears on the horizon as our introduction to the Florida Keys.

We turn to face east but gradually curve to a northerly heading as we follow Hawk Channel between the Keys on our port side and an offshore submerged barrier reef to starboard. An alternative to the Hawk Channel, the Intracoastal Waterway is a more protected route for vessels that draw less than 4.5 feet.

At Miami we leave the Intracoastal Waterway and take Fisherman's Channel to Miami Beach. Finally, the Miami Beach Channel takes us behind Miami Beach to the Intracoastal Waterway and we rejoin the Great Loop. There is also an offshore route from Miami Beach joining the ICW at Fort Lauderdale.



Great Loop

Navigation Notes

2023

1

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>
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<u>Chicago River Route</u>				
Bridge clearance on the Chicago River route is 17.6 feet. The Calumet River is an alternate route, see page 82.				
Amber Light: Commercial passenger vessels enter. Green Light: Recreation Vessels enter. Channel 14			ropes	Chicago Harbor Lock Down 1ft
<i>Chicago River</i>		2		Junction with North Branch S
Bear left under Lake Street Bridge to <i>South Branch</i>		2	MILE 323.6	18th Street Bridge
312 655 2242		0	MILE 323.4	Amtrak Bridge 11ft REQUEST OPEN
Meeting or Passing tows on the 1 whistle alter your course to starboard. Meeting or Passing tows on the 2 whistle alter your course to port.		1	MILE 321.9	Loomis Street Bridge
		0	MILE 322	Junction with South Fork P
		0	MILE 321.7	Ashland Ave Bridge
		1	MILE 320.4	R/R Bridge 17.6 feet DOES NOT OPEN
<i>Ship Canal</i> <u>Swing Bridges: A green light marks channel span</u>		8	MILE 312.3	Chessie R/R 19.5ft Does Not Open
		9	MILE 303.5	Junction with Calumet River P

Chicago River and Calumet River routes rejoin

Bridge clearance based on a pool level of 576.2 feet at Lockport Lock. Call Lock at 815 838 0536 for actual pool level.		3	MILE 300.6	R/R Bridge 19.7 ft DOES NOT OPEN
Only one boat allowed within barrier. Wear life jacket on deck.		3	MILE 297	Electric Fish Barrier
Channel 14 (You are southbound) Use floating bollard or lockmaster will provide two lines on portside.		6	MILE 291	Lockport Lock Down 39ft
<u>Locks: Wait for Green signal light to enter. Amber light indicates lock is being prepared.</u>			MILE 290	R/R Bridge

Notes	Course MAG	Miles	Aid To Navigation		
Five Joliet highway Bridges. 17.0 feet REQUEST OPEN Channel 16 Tell bridge tender if you plan to stop after Jefferson St. Bridge.				Ruby St Bridge	
				Jackson St Bridge	
				Cass St Bridge	
				Jefferson St	
			MILE 288	Bicentennial Park Joliet, IL	S
				R/R Lift Bridge 10ft Usually Open	
Joliet Bridges: No openings 7:30-8:30am or 4:15-5:15pm except Sundays			MILE 287	McDonough St 17 feet REQUEST OPEN	
Channel 14 (You are southbound) Use floating bollard or lockmaster will provide two lines on starboard side.		1	MILE 286	Brandon Road Lock Down 34ft	
Bridge is immediately after the lock. Channel 16				Brandon Road Bridge 20feet at center	
Des Plaines River - Green ATONs to starboard. Monitor Channel 13.		8	MILE 278	I 55 Bridge	
Channel 14 (You are southbound) Use floating bollard or lockmaster will provide two lines on portside.		6	MILE 272	Dresdon Lock Down 22ft	
Illinois River - Green ATONs to starboard. Monitor Channel 13		7	MILE 264	Morris Hwy Bridge	
Illinois River		10		Seneca Bridges (2)	
		1	MILE 252	Spring Brook Marina	P
mar sales		5	MILE 247	Marseilles Hwy Bridge bear left into canal	
Channel 14 (You are southbound) Use floating bollard or lockmaster will provide two lines on portside.		2	MILE 245	Marseilles Lock Down 24ft	
		2	MILE 242	Heritage Harbor Ottawa, IL	S
		0	G241.5	SQUARE	S
		2		Ottawa Bridges (2) No wake between bridges	
Approach Triangle Daymark R234.5 before turning northeast to enter the anchorage.		4	MILE 235	Buffalo Rock Anchorage	S

Notes	Course MAG	Miles	Aid To Navigation		
Channel 14 (You are southbound) Use floating bollard or lockmaster will provide two lines on starboard side.		4	MILE 231	Starved Rock Lock Down 19ft	
Bridges: A fixed Green light marks the center of the channel span.		23	MILE 208	I-180 Bridge Hennepin	
		12	MILE 196	Henry Highway Bridge	
After Henry bridge, follow the left bank, keeping the Islands to starboard.		3	G193.3	SQUARE	S
Go well past the end of Lower Henry Island before turning into the anchorage		0	MILE 193	Lower Henry Island Anchorage	S
		4	MILE 189	Lacon Highway Bridge	
		7	MILE 182	R/R Bridge	
Upper Peoria Lake		13	G168.9	SQUARE	S
309 682 5419 Entrance marked by white column red top, starboard side.		1	MILE 168	IVY Club Marina Peoria Heights, IL	S
A dredge will display two black diamond shapes on one side and two black circles opposite side Pass on side with diamonds.		2	MILE 166	McCluggage Bridge	
		1	R164.5	Red/white DIAMOND	P
Channel 16			MILE 161	R/R Lift Bridge 19.8 feet	
Channel 14. (You are Southbound.) Lockmaster will provide two lines on port side. Boats may bypass the lock if high water .		3	MILE 158	Peoria Lock Down 10 feet	
		6		Pekin Bridges (2)	
Entrance may be shallow. Call ahead 309 241 7957		32	MILE 120	Tall Timbers Marina Havana, IL	P
		1	MILE 119	Havana Bridge	
		12	R106.9	TRIANGLE	P
Anchor in the channel behind Grand Island		0	MILE 107	Bath Chute Anchorage	P
Channel 14. Normally Open, closes as trains approach. Horn 5 blasts is closing warning.		17	MILE 89	R/R Lift Bridge 21 feet	
Tie-up to a barge. 217 323 1290			MILE 88	Logsdon Tug Service Beardstown, IL	P

Notes	Course MAG	Miles	Aid To Navigation		
Channel 14. (You are Southbound.) Lockmaster will provide two lines starboard side. Boats may bypass the lock if high water .		6	MILE 80	La Grange Lock Down 10 feet	
		8	MILE 71	Meredosia Bridge	
Caution - Wing Dams extend at right angles from the shore on Illinois River		10	MILE 61	R/R Lift Bridge 33 feet	
Most Western point of Great Loop		1	MILE 60	I-72 Dual Bridges	
		4	MILE 56	Florence Lift Bridge 28 feet	
Anchor between last Green Buoy and right bank before the island.		9	MILE 47	Buckhorn Island Anchorage	S
		3	MILE 43	R/R Lift Bridge 21.3 feet	
		11	MILE 32	Kampsville Ferry Crossing	
		4	G28.3	SQUARE	S
		7	MILE 22	Hardin Lift Bridge 27feet	
Brussels Ferry Mile 4		21	MILE 1	Grafton Harbor	P
Continue parallel to the left bank	100	1	MILE 218	Red over Green NUN BUOY	S
Upper Mississippi River Green ATONs to Starboard.		15	MILE 203	Clark Bridge	
		0		Alton Marina (Enter below bridge)	P
Channel 14. (You are Southbound.) Tie to floating bollard amidships.		2	MILE 201	Mel Price Lock Down 23 feet	
		7	(sign)	CANAL-ALL BOATS ENTER HERE	S
Follow left bank into Chain of Rocks Canal . Channel 12		9	MILE 185	Lock 27 Down 12 feet	
St. Louis		5	MILE 180	Gateway Arch	S
Caution:Wing Dams on Mississippi River		11	MILE 169	Jefferson Barracks Bridge	
		10	MILE 159	Hoppies Marina Kimmswick, MO	S

Notes	Course MAG	Miles	Aid To Navigation		
Ferry crossing at mile 125.5		41	MILE 118	Junction with Kaskaskia River	P
Turn left up Kaskaskia River for 0.5 mile. Tie-up to lock wall below the dam. Call Lockmaster on channel 14			MILE 118	Kaskaskia Lock	P
Return to Mississippi River		0	R117.3	Red/white DIAMOND	P
		7	MILE 110	Chester Bridge	
		29	MILE 81	Pipeline Suspension Bridge	
		29	MILE 52	Cape Girardeau Bridge	
Continue until your Latitude reads N37-15.3 A straight channel leads to a steel truss railroad bridge.		3	MILE 49	Little River Diversion Channel Anchorage	S
			G48.5	SQUARE	S
		4	MILE 44	R/R Bridge	
		36	MILE 8	I-57 Bridge	
Anchor along the shore midway between island and bridge. Approach the bridge before turning to shore.		7	MILE 1.5	Angelo Towhead Anchorage	P
		0	MILE 1	US60 Hwy Bridge	
Leave Mississippi River. Turn left into Ohio River. (Lower Mississippi River continues 900 miles to New Orleans)			MILE 981	US60 Hwy Bridge Center Span is OK.	
Ohio River Red ATONs to starboard		3	MILE 978	R/R Bridge	
		4	MILE 974	NUN BUOY	S
Anchor close to Kentucky shore		8	MILE 966	Turner Landing Anchorage	S
Channel 13. (You are Northbound.) Tie to floating bollard amidships. Boats may bypass the lock at high water.		1	MILE 965	Olmsted Lock UP	
At mile 954, angle towards the Kentucky shore. Anchor off-shore in vicinity of Bean Branch Creek		10	MILE 953	Bean Branch Anchorage	S
		9	MILE 944	Metropolis R/R Bridge	
Channel span on Illinois side (Kentucky Span OK at high water)		3	MILE 941	I-24 Hwy Bridge	

Notes	Course MAG	Miles	Aid To Navigation		
		4	MILE 937	US45 Hwy Bridge	
		2	MILE 935	Paducah Marina Paducah, KY	S
Bear left and continue on Ohio River		2	MILE 933	Junction with Tennessee River	S
		6	R926.7	TRIANGLE	S
Identify Cumberland Island by two federal mooring cells on northwest side. But anchor on southeast side. Leave same way you entered.		3	MILE 924	Cumberland Towhead Anchorage	S
Leave Ohio River. Bear right into Cumberland River Ohio River continues 900 miles to Pittsburgh		0		Federal Mooring Cells	S
Cumberland River			MILE 0	Red over Green TRIANGLE	P
Fork right at Daymark G2.3		2	G2.3	SQUARE	P
Cumberland River Continue Red ATONS to Starboard.		25	MILE 28	I-24 Hwy Bridge	
You are upbound from the river to the lake. Channel 12. Tie to floating bollard amidships.		3	MILE 31	Barkley Lock UP 57 feet	
Lake Barkley	145	1	MILE 32	Federal Mooring Cells	S
				NUN BUOY	S
Follow marked secondary channel to marina Red ATONS to starboard		0		Green Turtle Bay Marina	S
				Federal Mooring Cells	S
			R32.6	Red over Green TRIANGLE	S
Turn right into Barkley Canal. Cumberland River continues 158 miles to Nashville.				CAN BUOY	S
Turn left into Kentucky Lake Red ATONS to starboard..				Federal Mooring Cells	P
GO TO WP 001	150	3		N36-56.3 W88-11.6 NUN BUOY	S
GO TO WP 002	160	4	G33.4	N36-53.0 W88-09.8 SQUARE	P
Turn left into Duncan Bay then left into cove. A wildfowl sanctuary marked by white buoys is closed to boats from Nov 1 to March 15.			MILE 34	Duncan Bay Newby Cemetery Cove Anchorage	P

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP 003	163	8	MILE 42	N36-48.7 W88-08.0 Hwy Bridge	
Marina: Head 200MAG to white diamond daymark. Keep little red buoys to starboard		0	MILE 42	Kenlake Marina	S
Return to Tennessee River	160	2	MILE 44	Federal Mooring Cells	P
Tennessee River continue Red ATONs to Starboard		17	G61.3	SQUARE	P
Channel follows S-curve from here to bridge. Follow Green Buoys Port side.	215	1	R62.6	Red/white DIAMOND	S
Turn right into Cypress Creek then immediately turn right into anchorage on starboard side		0		Fort Heiman Anchorage	S
Return to Tennessee River Follow Red Buoys starboard side	170	2	G64.4	Green/white DIAMOND	P
Channel to Marina is alongside bridge		2	MILE 66	Paris Landing State Park Marina	S
		0		McWherter Bridge	
Bear left and continue Tennessee River Big Sandy River on starboard side	140	4	R70.0	TRIANGLE	S
Tow Captains call out " Northbound " as they proceed UP river. Downbound tows are "Southbound", regardless of actual compass heading.		8	MILE 78	Ferry Crossing Abandoned Bridge	
		2	G80.5	SQUARE	P
Bear right	200	2	R82.2	Red/white DIAMOND	S
		13	R95.6	TRIANGLE	S
Marked secondary channel to marina begins at next green buoy.		1	MILE 96	Pebble Isle Marina	P
		4	MILE 100	R/R & Hwy Bridges	
One mile after bridges - bear right after passing under power cables.		11	G111.1	SQUARE	P
Marked channel to marina begins upstream of a small island. (Shallow water north of island.)		4	MILE 115	Cuba Landing Marina	P
		1	MILE 116	I-40 Hwy Bridge	
		19	MILE 135	Hwy Bridge	
Clifton		23	MILE 158	Clifton Marina	P

Notes	Course MAG	Miles	Aid To Navigation		
		3	MILE 162	John Wilder Bridge	
Anchor behind the Island. Leave same way you entered.		7	MILE 169	Swallow Bluff Island Anchorage	P
		21	MILE 190	Savannah Bridge	
You are upbound from the river to the lake. Channel 14. Tie to floating bollard amidships.		16	MILE 206	Pickwick Lock UP 55 feet	
Head 070MAG out of the lock. Pass two red NUN Buoys starboard side		2	MILE 209	Federal Mooring Cells	S
<i>Pickwick Lake</i>	120	1	MILE 210	NUN BUOY	S
Continue round the bend to mile 211 then go to waypoint 004		1	MILE 211		
GO TO WP 004 This route is outside the sailing line	184	4	MILE 215	N35-00.0 W88-12.25 Red over Green BUOY	S
Turn right into TennTom Waterway . Tennessee River continues 435 miles to Knoxville.			R215.3	TRIANGLE	P
Enter marina from west				Grand Harbor Marina	S
<i>TennTom Waterway</i> Green ATONs to Starboard		1	G448.7	SQUARE	S
Turn left to 190 mag. Channel ahead leads to Aqua Yacht Harbor	180	5	MILE 443	SR25 Hwy Bridge	
<i>Divide Cut</i>		7	MILE 436	R/R Bridge & SR72 Hwy Bridge	
<i>Highest level on Tenn-Tom Waterway 414 feet.</i>		11	MILE 425	R/R Bridge	
		3	MILE 422	Paden Bridge	
Tenn-Tom Locks: You are southbound. Channel 16. Monitor working channels. Tie to floating bollard amidships		8	MILE 414	Five Fingers Anchorage <i>Bay Springs Lake</i>	P
Working Channel 18		2	MILE 412	Whitten Lock DOWN 84 feet	
Channel 12.		5	MILE 407	Montgomery Lock DOWN 30ft	
Channel 14.		8	MILE 398	Rankin Lock DOWN 30ft	
Follow marked secondary channel to marina.		4	MILE 394	Midway Marina	P

<u>Notes</u>	<u>Course</u> <u>MAG</u>	<u>Miles</u>	<u>Aid To Navigation</u>		
		0	G394.0	SQUARE	S
Channel 74 (Call from the marina)		3	MILE 391	Fulton Lock DOWN 25ft	
Channel 10		15	MILE 376	Wilkins Lock DOWN 25ft	
Channel 14		5	MILE 371	Thad Cochran Lock DOWN 30ft	
Channel 12		13	MILE 357	Aberdeen Lock DOWN 27ft	
		17	MILE 339	SR50 Hwy Bridge	
Turn left just before the lock. Follow secondary channel markers to marina		4	MILE 335	Columbus Marina	P
Channel 14 (Call from the marina) Lockmaster may request registration & destination.		0		Stennis Lock DOWN 27ft	
<i>Tombigbee River</i>		4	MILE 331	R/R Bridge	
Channel curves left at mile 311		23	MILE 308	Brooksville Road Bridge	
Channel 14		1	MILE 307	Bevill Lock DOWN 27ft	
Meeting or Passing tows on the 1 whistle alter your course to starboard. Meeting or Passing tows on the 2 whistle alter your course to port.		14	MILE 293	Hwy 17 Bridge	
		5	G287.4	SQUARE	S
		17	G270.3	Green/white DIAMOND	S
Sumter Recreation Area. Dinghy dock & rest rooms. Enter between green & red buoys.		0	MILE 270	Sumter Landing Anchorage	S
Channel 14		4	MILE 266	Heflin Lock DOWN 36ft	
		13	MILE 253	I 20/59 Hwy Bridge	
Epes		5	MILE 248	R/R Bridge	
<i>Halfway Point on TennTom Waterway Mile 225</i>		31	MILE 217	Junction with Black Warrior River	P
Enter south of row of steel "A" frame pilings.		1	MILE 216	Demopolis Yacht Basin Kingfisher Bay Marina	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Channel 14 (Call from the marina) Dam can not be seen from upstream		3	MILE 213	Demopolis Lock DOWN 40ft	
Monitor Channel 16		9	MILE 204	SR80 Hwy Bridge	
<i>Lower Black Warrior River</i>		31	MILE 173	R/R Bridge	
		9	MILE 164	SR10 Hwy Bridge	
<i>Latitude 32 degrees North - Mile 152</i>		19	R145.2	Red/white DIAMOND	P
Go up the creek, past launch ramp (Bash-eye). Or anchor opposite the creek on otherside of TennTom			MILE 145	Bashi Creek Anchorage	P
Rafting may be required		26	MILE 119	Bobby's Fish Camp Bladen Springs, AL	S
Sign portside:- "Use Canal to Lock"		2	R117.0	TRIANGLE	P
Channel 14 Call from Bobby's Fish Camp		0	MILE 117	Coffeeville Lock DOWN 34ft	
<i>Tidal from here</i>		23	MILE 93	Jackson Hwy Bridge	
		3	MILE 90	Jackson R/R Bridge	
Anchor bow and stern to allow for reversal of tidal current.		37	MILE 53	Alabama River Cut-off Anchorage	P
		8	MILE 45	Junction with Alabama River	P
		6	MILE 39	Junction with Tensaw River	P
Fork right into Mobile River		0	R39.1	TRIANGLE	P
<i>Mobile River</i>		18	MILE 21	I-65 Hwy Bridge	
Channel 13. Fourteen Mile R/R Bridge		7	MILE 14	R/R Lift Bridge 4ft REQUEST OPEN	
Turn left into Tensaw cut-off. Big Briar Creek is one mile up, on port side. Anchor to allow for reversal of tidal current.		1	MILE 12	Big Briar Creek Anchorage	P
		0	R12.0	TRIANGLE	P
		2	R9.6	TRIANGLE	P
Monitor channel 13		7	MILE 3	Cochrane Bridge	

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Mobile, AL		3	MILE 0	Mobile Alabama Cruise Terminal	S
Mobile Ship Channel continue Green ATONs to Starboard		3	R82	TRIANGLE	P
GO TO WP 005	183	2	G73	N30-37.1W88-01.98 SQUARE	S
GO TO WP 006	176	5	G65	SQUARE	S
	176	0	R2	N30-32.8 W88-01.5 TRIANGLE	S

Cruisers wishing to bypass Dog River may proceed directly to waypoint 007					
WP 007	176	7	-	N30-26.2W88-00.77 Middle Bay Lighthouse	P

<u>Dog River Route</u>					
Turn right. Pass between daymarks G3 & R4 . Continue to R6 . Red ATONs to starboard.	307	2	R6	TRIANGLE	S
	275	2		Hwy Bridge	
Grand Mariner Marina port side Dog River Marina & Boatworks, starboard side				Grand Mariner Marina Mobile, AL	P
Return to R2 - Green ATON's to starboard			R2	N30-32.8 W88-01.5 TRIANGLE	P
GO TO WP 007	176	7	-	N30-26.2W88-00.77 Middle Bay Lighthouse	P

routes rejoin

GO TO WP 008 This route crosses Spoil Banks	139	14	G127	N30-17.1 W87-51.0 SQUARE	S
ICW - Green ATONs to Starboard	092	1	R124	TRIANGLE	P
Lulu's Restaurant after SR59 bridge portside.		9	MILE 155	SR59 Hwy Bridge	
The Wharf Marina starboard side at Foley Expressway bridge		3	MILE 158	The Wharf Marina Orange Beach, AL	S
		5	R72	TRIANGLE	P
Head north from daymark R72 into the bayou and anchor after the bayou turns to the left.			MILE 163	Ingram Bayou Anchorage	P

Notes	Course MAG	Miles	Aid To Navigation		
Return to ICW, continue to G65			G65	SQUARE	S
	048	1	G61	SQUARE	S
	110	1	G59	SQUARE	S
Junction with Bayou St. John & Perdido Pass on starboard side.	140		R58	TRIANGLE	P
	130		R56	TRIANGLE	P
		4	MILE 172	Hwy Bridge	
<i>Big Lagoon</i>		2	R16	TRIANGLE	P
turn left to Green Can Buoy			G11	CAN BUOY	S
	083	2	R10	TRIANGLE	P
	073	1	G7	SQUARE	S
			G1	CAN Buoy	S
GO TO WP 009 Red ATONs to starboard	098	2	R18	N30-19.92W87-16.7 BUOY (small yellow square)	S
GO TO WP 010	087	6	R144	TRIANGLE	P
	087	1	R142	N30-20.4 W87-10.2 TRIANGLE	P
ICW - Green ATONs to Starboard			MILE 189	Pensacola Beach Bridge	
<i>Santa Rosa Sound</i>	055	1	G133	Lighted BUOY	S
GO TO WP 011	081	7	R130	N30-22.4 W87-02.0 TRIANGLE	P
GO TO WP 012	078	3	G125	N30-23.0 W86-59.2 SQUARE	S
GO TO WP 013 Channel curves right at daymark G37	085	7	MILE 207	N30-23.55W86-54.0 Navarre Bridge	
City Dock is behind buoy R6 , 1/4 mile before Brooks Bridge. (Keep R6 to port)		16	MILE 223	City Dock Fort Walton Beach	P

Notes	Course MAG	Miles	Aid To Navigation		
		0	MILE 223	Brooks Bridge	
		0	R4	TRIANGLE	P
Choctaw hatchee Bay	092	2	R2	NUN BUOY	P
GO TO WP 014	086	4	G59	N30-25.9 W86-29.5 SQUARE	S
GO TO WP 015	089	3	G57	N30-26.0 W86-26.0 CAN BUOY	S
ICW - Green ATONs to Starboard			MILE 235	Mid Bay Bridge	
GO TO WP 016	088	10	G47	N30-26.4 W86-14.3 SQUARE	S
GO TO WP 017	126	2	G45	N30-25.0 W86-12.0 SQUARE	S
		2	MILE 250	Choctaw hatchee Bay Bridge	
Enter narrow canal, "Grand Canyon". You are Eastbound. Yield right of way to large vessels.		22	MILE 272	Hwy Bridge	
West Bay. Channel curves to the left. Continue to the last red buoy.		4	R8	BUOY	P
GO TO WP 018	102	2	G1	N30-15.6 W85-46.3 SQUARE	S
GO TO WP 019	139	2	G9	SQUARE	S
	139	1	G7	N30-13.6 W85-44.0 SQUARE	S
GO TO WP 020	178	1	G5	N30-12.7 W85-43.9 SQUARE	S
Pass between buoys R8 & G7 before bridge	208	2	MILE 285	Hathaway Bridge	
After two red buoys, curve to the left		1	R14	TRIANGLE	P
GO TO WP 021	120	1	G13	BUOY with small yellow TRIANGLE	P
	120	1	G9	N30-09.9 W85-42.8 BUOY	S
Continue past buoys R8 & R6 port side before going to next waypoint	160	1	R6	BUOY	P

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP 022	109	0	G5	CAN BUOY	S
	109	2	R2	N30-08.9 W85-40.0 TRIANGLE	
Turn left, call drawbridge on Channel 9 Return to R2				Bristol Harbor Marina Panama City, FL	
Head 160mag to pass between daymark G19 (port) & buoy R20 (stbd). Continue to buoy G21	155		G21	BUOY	P
Red ATONs to starboard	105		G25	BUOY	P
	100		R28	TRIANGLE	S
Pass between buoys R8 (port) & G7 (stbd) before bridge			MILE 295	Dupont Hwy Bridge	
ICW - Green ATONs to Starboard			R2	TRIANGLE	P
GO TO WP 023	075	1	G45	N30-06.3 W85-35.2 SQUARE	S
GO TO WP 024	093	2	G43	N30-06.3 W85-33.3 SQUARE	S
GO TO WP 025	135		G41	SQUARE	S
	135		R40	N30-05.3 W85-32.0 TRIANGLE	P
	123	1	G37	SQUARE	S
	140	1	G35	SQUARE	S
		7	G"1"	SQUARE	S
<i>Wetappo Creek</i>		3	MILE 315	Hwy Bridge	
Great Loop continues ahead.		12	MILE 327	Junction with Gulf County Canal	S
<i>Eastern Time Zone</i>		2	MILE 329	White City Bridge	
		7	G13	SQUARE	S
GO TO WP 026 <i>Lake Wimico</i> shallow water. watch for cross winds.	130	4	G1	N29-46.73W85-06.7 SQUARE	S
Anchorage in left fork of Saul Creek. Saul Creek is 1/4 mile past daymark R10		5	MILE 345	Junction with Saul Creek	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Junction with Apalachicola River port side.		2	MILE 347	R/R Bridge 11feet USUALLY OPEN	
		4	R6	TRIANGLE	P
Apalachicola, FL			A	Green over Red CAN BUOY	S
Curve right round buoy "A" Marina is 1/2 mile up Scipio Creek.			MILE 351	Scipio Creek Marina	
Return to buoy "A"			A	Green over Red CAN BUOY	P
				Hwy Bridge	
<i>Apalachicola Bay</i>	172	4	R2	TRIANGLE	P
turn left	079	5	MILE 361	Hwy Bridge	
	079	3	R30	TRIANGLE	P
turn left	024	2	R20	TRIANGLE	P
turn right	067	2	R8	TRIANGLE	P
GO TO WP 027	062	1	R6	TRIANGLE	P
	062	3	R2	N29-46.4 W84-42.4 TRIANGLE	P
GO TO WP 028	058	3	G13	N29-47.7 W84-40.3 Lighted BUOY	P
Red ATONs to starboard.	025	1	G15	SQUARE	P
Begin Range. Go all the way to Range Marker before turning left.	025	1	G1	SQUARE	P
<i>Carrabelle River</i>	325		R6	BUOY	S
Begin NO WAKE				C-Quarters Marina Carrabelle, FL	S
			G17	SQUARE	P
				The Moorings Carrabelle, FL	S

<u>Notes</u>	<u>Course</u> <u>MAG</u>	<u>Miles</u>	<u>Aid To Navigation</u>		
Return to mouth of Carrabelle River Green ATONs to starboard			G1	SQUARE	S
Turn right to Red Buoy			R18	NUN BUOY	P
	205	1	G15	SQUARE	S
GO BACK TO WP 028	205	1	G13	N29-47.7 W84-40.3 Lighted BUOY	S
GO TO WP 029 <i>East Pass</i>	215	1	R12	N29-47.1 W84-40.7 Lighted BUOY	P
Curve left between buoys R10 & G9 . Continue to buoy G5 .		2	G5	GONG BUOY	S

[Here is a choice of routes:](#)



[1. Tarpon Springs Route](#)

Carrabelle to Buoy R2: 112 miles
 Buoy R2 to Tarpon Springs: 63 miles
 Total: Carrabelle to Tarpon Springs: 175 miles

[2. Cross Florida Greenway Anchorage](#)

Anchorage can be a safe haven
 Route starts at Buoy R2
 Buoy R2 to Anchorage: 32 miles
 Anchorage to Tarpon Springs: 75 miles

[3. Steinhatchee Route](#)

Carrabelle to Steinhatchee: 85 miles
 Steinhatchee to Buoy R2: 58 miles
 Buoy R2 to Tarpon Springs: 63 miles

[4. Crystal River Route](#)

Controlling depth is 4.5 ft.
 Route starts at Buoy R2
 Buoy R2 to Crystal River: 36 miles
 Crystal River to Tarpon Springs: 75 miles

Notes	Course MAG	Miles	Aid To Navigation
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CAUTION: Waypoint numbers are not consecutive

1. Tarpon Springs Route					
From Buoy G5 GO TO WP 034	128	105	Buoy R2	N28-56.5 W83-11.0 Lighted BUOY	S
GO TO WP 039	161	52	R4	N28-14.8 W82-49.9 TRIANGLE	S

Great Loop continues on page 18

2. Cross Florida Greenway Route					
Route starts at Buoy R2 From Buoy R2 GO TO WP 030	094	12	R4	N28-55.55 W82-58.1 TRIANGLE	S
Pass between daymarks G5 & R6 then G7,R8 then bear left to 075MAG		5	R18	TRIANGLE Cross Florida Greenway	S
Continue 075MAG to anchorage in turning basin, east of Hwy19 bridge (65ft)	075	15		Cross Florida Greenway Anchorage	S
Return to daymark R18		15	R18	TRIANGLE Cross Florida Greenway	P
GO TO WP 037	202	10		N28-48.0 W82-56.0	
GO TO WP 038	185	25	R10	N28-26.0 W82-56.0 TRIANGLE	P
GO TO WP 039	160	14	R4	N28-14.8 W82-49.9 TRIANGLE	S

Great Loop continues on page 18

3. Steinhatchee Route					
From Buoy G5 GO TO WP 031	103	62		N29-39.2 W83-38.0	
GO TO WP 032	095	10	G1	N29-39.2 W83-28.0 SQUARE	P
Steinhatchee River - Continue to daymark G45 Call marina on channel 9		5		Sea Hag Marina Steinhatchee, FL	P
Return to G1		5	G1	N29-39.2 W83-28.0 SQUARE	S
GO TO WP 033	190	12		N29-28.6 W83-28.6	
GO TO WP 034	160	41	Buoy R2	N28-56.5 W83-11.0 Lighted BUOY	S
GO TO WP 039	161	52	R4	N28-14.8 W82-49.9 TRIANGLE	S

Great Loop continues on page 18

Notes	Course MAG	Miles	Aid To Navigation		
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4. Crystal River Route					
Route starts at Buoy R2 From Buoy R2 GO TO WP 035	104	12	R4	TRIANGLE Cross Florida Greenway	P*
* Daymark R4 marks the channel to Cross Florida Greenway.	104	7		N28-54.0 W82-52.0	
GO TO WP 036	088	7	G1	N28-54.7 W82-45.0 SQUARE	P
Crystal River Red ATONs to Starboard.		10		Pete's Pier Crystal River, FL	P
Return to G1 SQUARE then GO BACK TO WP 035	268	7		N28-54.0 W82-52.0	
GO TO WP 037	215	8		N28-48.0 W82-56.0	
GO TO WP 038	185	25	R10	N28-26.0 W82-56.0 TRIANGLE	P
GO TO WP 039	160	14	R4	N28-14.8 W82-49.9 TRIANGLE	S

Big Bend Routes rejoin

From daymark R4 GO TO WP 040	167	3	R6	N28-12.6 W82-49.1 TRIANGLE	S
GO TO WP 041	196	3	G1	N28-10.4 W82-49.6 SQUARE	P
Anclote River Port Tarpon Marina port side at daymark G39		5	R50	TRIANGLE	S
Turtle Cove Marina starboard side after R50				Turtle Cove Marina	S
Anclote River continues. City Marina before the bridge				City Marina Tarpon Springs	S
return to G1			G1	SQUARE	S
GO TO WP 042	210	1	R44	N28-09.6 W82-50.05 TRIANGLE	P
GO TO WP 043 Pass between daymarks 42 and 41	167	7	G23	N28-04.0 W82-48.1 SQUARE	S
ICW - Green ATONs to Starboard			MILE 142	Dunedin Causeway	
		6	MILE 136	Clearwater Memorial Causeway	
Immediately after bridge turn right before G1. Follow red daymarks stbd side to marina at G11				Clearwater Beach Marina	

<u>Notes</u>	<u>Course</u> <u>MAG</u>	<u>Miles</u>	<u>Aid To Navigation</u>		
Return to ICW		4	MILE 132	Belleair Causeway	
		3	MILE 129	Indian Rocks Bridge	
Slow speed, minimum wake to G27 . At G21 , begin slow speed minimum Wake until G1		2	MILE 127	Park Boulevard Bridge	
McDonalds dock before Welch Csy, portside. Publix Supermarket adjacent.		4	MILE 123	Welch Causeway	
		1	G5	SQUARE	S
Daymarks 13 & 14 on starboard side mark channel to Johns Pass.	134	2	R22	TRIANGLE	P
	161	1	R16	TRIANGLE	P
			MILE 119	Treasure Island Causeway 21 feet	
Slow speed, minimum wake between bridges		2	MILE 117	Corey Causeway	
		1	R34	TRIANGLE	P
(G17 on port side marks Cats Point Channel thru fixed 18ft bridge - Green ATONs to starboard)	162		R32	TRIANGLE	P
	162		R28	TRIANGLE	P
	200		R26	TRIANGLE	P
			MILE 114	Pinellas Bayway Structure "C"	
Locate daymark R24 , 1 mile ahead	180	1	R24	TRIANGLE	P
Circle left round daymark R24 and head to bridge			MILE 113	Pinellas Bayway Structure "E"	
Follow three red daymarks port side. Continue to daymarks G17 and G15 (at the end)			G15	SQUARE	S

Tampa Bay

Here is a choice of routes:

1. Bypass Tampa Bay on the Sunshine Skyway Channel
2. Enter Tampa Bay to visit St. Petersburg

Notes	Course MAG	Miles	Aid To Navigation		
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1. Sunshine Skyway Channel					
Turn right to pass between daymarks 26 & 25 .	182	2	G9	SQUARE	S
Green ATONs to starboard	160	1	G1	SQUARE	S
GO TO WP 048	184	1	R26	N27-36.75W82-40.3 BUOY	P

2. St. Petersburg Route.					
From daymark 15	090	0	MILE 111	I-275 Hwy Bridge	
GO TO WP 044	090	4	G1	N27-41.8 W82-36.6 SQUARE	S
GO TO WP 045 Red ATONs to starboard	001	4	"S"	Green over Red SQUARE	S
Pass between daymarks G5 (port) & R6 (stbd) Red ATONs to starboard		1	G3	N27-46.1W82-36.75 BUOY	S
	287	1		St Petersburg Municipal Marina	
GO BACK TO WP 045	107	1	G3	N27-46.1W82-36.75 BUOY	P
GO TO WP 046. Green ATONs to starboard.	181	8	G"3B"	N27-39.3 W82-36.5 BUOY	S*
GO TO WP 047	219	2	G"1B"	N27-38.1 W82-37.5 BUOY	S*
GO TO WP 048	246	2	MILE 99	Sunshine Skyway Bridge	*
10ft deep water extends 500ft outside channel.	246	1	R26	N27-36.75W82-40.3 BUOY	P

Sunshine Skyway and St. Pete's Routes rejoin

GO TO WP 049	206	3	R70	N27-34.5 W82-41.4 TRIANGLE	P
GO TO WP 050	197	3	G67	N27-32.4 W82-42.0 SQUARE	S
<i>The Bulkhead</i>			R64	TRIANGLE	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
ICW. Green ATONs to Starboard	159		G61	SQUARE	S
Begin Range	150		G59	SQUARE	S
<i>Anna Maria Sound</i>		1	MILE 89	Anna Maria Bridge 24 feet	
	205		R52	TRIANGLE	P
Pass daymark R50 before bridge			MILE 87	Cortez Bridge 22 ft	
		1	G47	SQUARE	S
Longboat Pass on starboard side		0	LP	Red over Green TRIANGLE	S
	162	4	R24	TRIANGLE	P
Turn left		1	G17	SQUARE	S
GO TO WP 051	147	3	G15	SQUARE	S
<i>Sarasota Bay</i>	147	3	G13	N27-20.8 W82-33.7 SQUARE	S
	185		NP	Red over Green TRIANGLE	P
	175		R12	TRIANGLE	P
				Ringling Causeway	
			R10	TRIANGLE	P
			MILE 74	Marina Jack Sarasota, FL	P
			R"8A"	TRIANGLE	P
	180		R8	TRIANGLE	P
	150		R6	TRIANGLE	P
You are southbound			MILE 72	Siesta Key Bridge 25 feet	
Channel 9		3	MILE 69	Stickney Point Bridge 18ft REQUEST OPEN	

Notes	Course MAG	Miles	Aid To Navigation		
Channel 9		6	MILE 63	Blackburn Pt. Bridge 9ft REQUEST OPEN	
Channel 9		4	MILE 59	Albee Road Bridge 14ft REQUEST OPEN	
			G5	SQUARE	S
Turn left towards G3 Continue to G1			G1	SQUARE	S
Leave ICW. Turn right to G7 for Crow's Nest Marina 942 484 7661			G7	Crow's Nest Marina Venice, FL	P
Return to ICW			G17	SQUARE	S
			G13	SQUARE	S
	094		R10	TRIANGLE	P
Gas/Diesel	152		R4	Fisherman's Wharf Marina	P
		0	MILE 57	Hatchett Creek Bridge	
			MILE 56	Venice Avenue Bridge	
End No Wake No wake past marina on starboard side			MILE 55	Circus Bridge	
Idle speed at pontoon ferry .4 mile past daymark G51		5	MILE 50	Manasota Bridge	
<i>Lemon Bay</i>		6	MILE 44	Tom Adams Bridge	
	149	4	G13	SQUARE	S
	182		G11	SQUARE	S
Ferry crossing at daymark R8		4	R28	TRIANGLE	P
	119		G25	SQUARE	S
	154		MILE 34	Boca Grande Bridge 22ft	
<i>Gasparilla Sound</i>			G19	SQUARE	S

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP 052	164	4	R8	N26-46.54 TRIANGLE W82-14.64	P
GO TO WP 053	192	2	G1	N26-44.6 W82-14.9 SQUARE	S
GO TO WP 054	178	2	R76	N26-42.5 W82-14.6 TRIANGLE	P
GO TO WP 055	165	1	R74	N26-42.0 W82-14.4 TRIANGLE	P
Enter very close to beach - close to a slow speed manatee sign starboard side then curve left. Dinghy to Cayo Costa State Park Dock.	220		MILE 25	Pelican Bay Anchorage	S
Pass between daymarks R72 & G71	120	0	R72	TRIANGLE	P
Follow Green daymarks to daymark R64		2	R64	TRIANGLE	P
Daymarks on port side mark a side channel. Follow Green daymarks to the right.		1	G61	SQUARE	S
Marked entry channel to restaurant			MILE 21	Cabbage Key	S
	195	1	G57	SQUARE	S
<i>Pine Island Sound</i>	154	1	R52	TRIANGLE	P
	175	1	G51	SQUARE	S
GO TO WP 056 .	164	2	G45A	N26-35.6 W82-11.7 SQUARE	S
GO TO WP 057 South Seas Resort starboard after daymark G39	156	6	R32	N26-31.4 W82-09.1 TRIANGLE	P
GO TO WP 058	182	2	R26	N26-29.8 W82-09.0 TRIANGLE	P
GO TO WP 059	117	2	G23	N26-29.25W82-07.4 SQUARE	S
GO TO WP 060.	139	1	R20	N26-28.5 W82-06.5 TRIANGLE	P
GO TO WP 061 <i>Most Southern Point of Great Loop</i>	108	1	R16	N26-28.35W82-05.7 TRIANGLE	P
GO TO WP 062	061	2	G11A	N26-29.08W82-04.5 SQUARE	S
GO TO WP 063	085	1	G11	N26-29.2 W82-03.7 SQUARE	S

Notes	Course MAG	Miles	Aid To Navigation
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Here is a choice of routes:

1. Okeechobee Waterway route or 2. Florida Keys route.

The Florida Keys route is covered in a separate section.

<u>Okeechobee Waterway route</u>					
Continue Green ATONs to Starboard			R10	TRIANGLE	P
GO TO WP 064 <i>Miserable Mile</i> Strong cross current during ebb tide	064	3	G101	N26-30.65 SQUARE W82-01.05	S
Begin minimum-wake.	027		G99	SQUARE	S
<i>Caloosahatchee River</i>	045		R96	TRIANGLE	P
	072		G93A	CAN BUOY	S
	072		G93	SQUARE	S
End minimum-wake	088	1	R86	TRIANGLE	P
Follow red daymarks to the left to daymark R72			R72	TRIANGLE	P
	030		MILE 142	Cape Coral Bridge	
Pass daymark R64 before bridge	035		G69	SQUARE	S
	047	2	R64	TRIANGLE	P
		1	MILE 139	Mid-point Bridge	
	019		R60	TRIANGLE	P
Follow red daymarks to daymark R54			R54	TRIANGLE	P
Locate daymark R52 at 050MAG Continue to daymark G49			G49	SQUARE	S
				Legacy Harbour	S
			MILE 135	Caloosahatchee Bridge	
Minimum wake between bridges			MILE 135	City of Fort Myers Yacht Basin	S

Notes	Course MAG	Miles	Aid To Navigation		
Bridges: A fixed Green light marks the center of the channel span.				Twin Hwy Bridges	
Beautiful Island R/R Bridge		5	MILE 130	R/R Bridge 5 feet USUALLY OPEN	
<u>Okeechobee Waterway Locks:</u> Several ropes hang on lock wall. Grab ropes at bow & stern.		1	MILE 129	I-75 Hwy Bridge	
		3	MILE 126	Wilson Pigott Bridge 21 feet	
Channel 13 (You are eastbound) Starboard wall		5	MILE 121	Franklin Lock UP 3 feet	
		5	MILE 116	Alva Bridge 23feet	
Channel 9 Use right side draw		8	MILE 108	Fort Denaud Bridge 9ft REQUEST OPEN	
		5	MILE 103	La Belle Bridge 23feet	
Channel 13 (You are eastbound) Portside wall		10	MILE 93	Ortona Lock UP 8 feet	
		15	MILE 78	City Docks Moore Haven, FL	P
		0		Hwy Bridge	
Moore Haven R/R Bridge				R/R Bridge 5 feet USUALLY OPEN	
Channel 13 (You are eastbound) Portside wall (Also known as Julian Keen, Jr Lock				Moore Haven Lock UP 4 feet	
Rim Canal - Turn right when leaving lock, then turn right again in 7 miles.		7	R4	TRIANGLE	P
Access to Marina is through Clewiston Lock, (No radio, blow horn, often open).		6	MILE 65	Roland Martin's Marina, Clewiston	S
Leave Rim canal. Turn left (northeast) to Lake Route.			G19	SQUARE	S
<i>Lake Okeechobee</i>	040	1	R12	TRIANGLE	P
GO TO WP 065	067	4	G1	N26-48.1W80-50.63 SQUARE	S
GO TO WP 066	100	3	R14	N26-47.9 W80-47.5 TRIANGLE	P
GO TO WP 067	009	2	G7	N26-49.5 W80-47.4 SQUARE	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
GO TO WP 068 Head towards Power Station Stacks	048	7	R6	TRIANGLE	P
	048	7	G5	N26-58.9W80-37.85 SQUARE	S
Channel 13 Lock usually open Proceed through on a green light.			MILE 39	Port Mayaca Lock (DOWN 2 feet)	
Continue Green ATONs to Starboard			R52	TRIANGLE	P
<i>St. Lucie Canal</i>			MILE 38	AMTRAK R/R Lift Bridge 6ft USUALLY OPEN	
		9	MILE 29	Indiantown Marina	P
			MILE 28	CSX R/R Swing Bridge 6ft USUALLY OPEN	
		11	MILE 17	Arundel Bridge	
Transient slips available		1	MILE 16	River Forest Yachting Center	S
Channel 13 (You are eastbound) Starboard wall		1	MILE 15	St Lucie Lock DOWN 13 feet	
		1	MILE 14	Florida's Turnpike	
Minimum Wake between bridges		1	MILE 13	I-95 Hwy Bridge	
		2	MILE 11	Indian Street Bridge	
		2	MILE 9	Palm City Bridge	
<i>St. Lucie River</i>		1	G25	SQUARE	S
			R24	TRIANGLE	P
Channel 9 Opens half-hourly (except if R/R Bridge is closed)			MILE 7	Old Roosevelt Bridge 10ft REQUEST OPEN	
Frequent trains, closes as trains approach. Horn four blasts is closing warning.		0		R/R Bridge 7 feet Automatic Bridge	
		0		US 1 Hwy Bridge	
			G23A	SQUARE	S
(Daymark R22 is after daymark R22A)	092	1	R22	TRIANGLE	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
GO TO WP 069	088	1	G3	N27-12.7 W80-13.5 SQUARE	S
Take short cut to the right past daymarks G3 and G1	120		MILE 4	St. Lucie Bridge	
	156	1	G19	SQUARE	S
Bear left, Locate daymark 17 at 135mag	135		G17	SQUARE	S
Turn right, pass between R14 & G13A. Continue to G11			G11	SQUARE	S
Daymarks G1 & R2, starboard side, mark entrance to Manatee Pocket marinas & anchorage.		1	G"3A"	CAN BUOY	S
Crossroads			R2	Lighted BUOY	P
Turn left (North) to ICW.			R240	TRIANGLE	P
	340		G239	SQUARE	S
			R238	TRIANGLE	P

[Okeechobee Waterway and Florida Keys routes rejoin](#)

ATONs marking the ICW exhibit unique yellow symbols. Aids with yellow squares should be kept to starboard. Aids with yellow triangles should be kept to Port.					
ICW - Green ATONs to Starboard Remember - "GREEN to the sea"		3	MILE 985	Ernest Lyons Bridge	
	336	4	MILE 981	Jenson Beach Bridge	
Indian River Lagoon	338	8	R202	TRIANGLE	P
Channel to marina begins parallel to bridge Enter marina alongside fuel dock.	344	7	MILE 966	Fort Pierce City Marina	P
		0	MILE 966	Fort Pierce South Bridge	
Junction with Fort Pierce Inlet			G187	SQUARE	S
			MILE 965	Fort Pierce North Bridge 22 feet	
		12	MILE 953	17th Street Bridge	

Notes	Course MAG	Miles	Aid To Navigation		
			MILE 952	SR60 Hwy Bridge	
Access marina between G139 & Bridge. Then leave Daymark R2 to starboard		0	MILE 952	Vero Beach Marina. Slips or mooring buoys	S
		0	G139	SQUARE	S
Channel curves to the right at daymark R112		9	MILE 943	Wabasso Hwy Bridge	
Channel to marina at daymark R6		24	MILE 919	Melbourne Harbor Marina	P
		1	MILE 918	Melbourne Hwy Bridge	
<i>Indian River Lagoon</i>	341	4	MILE 914	Eau Gallie Hwy Bridge	
Junction with <i>Banana River</i> starboard side after Eau Gallie bridge	346	5	MILE 909	Palm Shores Pineda Causeway	
Cocoa		12	MILE 897	Cocoa Hwy Bridge	
Cocoa Village Marina port side. Channel to marina 1/4 mile north of Cocoa Hwy Bridge		3	MILE 894	City Point Hwy Bridge	
Junction with Canaveral Barge Canal on starboard side after City Point Bridge.	352	9	MILE 885	Addison Point Bridge NASA Parkway 27 ft	
Kennedy Space Center Vehicle Assembly Building starboard side.		6	MILE 879	Titusville Hwy Bridge	
Follow marked channel to marina. Slips or mooring buoys			MILE 878	Titusville Municipal Marina	P
Normally open, closes as trains approach. Four blasts is warning signal.			MILE 877	R/R Bridge 7 feet Automatic Bridge	
		3	R12	TRIANGLE	P
	052	4	G1	SQUARE	S
<i>Haulover Canal</i>			MILE 869	Haulover Canal Bridge 27 feet	
			R44	TRIANGLE	P
Turn left to 315 mag.			R38	TRIANGLE	P
<i>Mosquito Lagoon</i>	337	8	G13	SQUARE	S
		13	MILE 847	Harris Saxon Bridge	

Notes	Course MAG	Miles	Aid To Navigation		
Leave ICW. Turn right between daymarks R8 & G7 into Sheephead Cut		0		Green over Red SQUARE	P
Continue Green ATONs to starboard.				Green over Red SQUARE	P
Rejoin ICW			MILE 845	George Musson Bridge 24 feet	
		1	G21	SQUARE	S
Turn left between Red buoy and Green over red buoy. (Ponce de Leon Inlet continues ahead.)			G17	SQUARE	S
		9	MILE 836	Port Orange Hwy Bridge	
<i>Halifax River</i>		4	G43	SQUARE	S
			G"39A"	SQUARE	S
			MILE 831	Halifax Harbor Daytona Beach	P
Daytona Beach				Memorial Bridge 65ft	
				Fixed Bridge 65ft	
				Main Street 22ft	
				Twin Bridges 65ft	
	340	4	MILE 825	Ormond Beach Hwy Bridge 65ft	
Channel 9		9	MILE 816	LB Knox Bridge 15 ft REQUEST OPEN	
		5	MILE 811	Flagler Beach Bridge	
		4	G3	SQUARE	S
<i>Fox Cut</i>		4	MILE 803	Palm Coast Bridge	
Marina before daymark G87		6	MILE 797	Marineland Marina	S
		3	R82	TRIANGLE	P
Channel shifts and buoys are relocated Follow buoys carefully			G81A	CAN BUOY	S

Notes	Course MAG	Miles	Aid To Navigation		
<i>Mantanzas River</i>		4	MILE 789	Crescent Beach Hwy Bridge 25 feet	
ICW bears left (316MAG). Locate daymark G53 ahead, (after G55).			G53	SQUARE	S
		8	MILE 780	SR312 Hwy Bridge	
		1	R12	TRIANGLE	P
Locate daymark R10A at 010MAG. Continue to daymark R10		1	R10	TRIANGLE	P
Swift tidal current in marina. Slips or mooring buoys			MILE 778	St. Augustine Municipal Marina	P
		0		Bridge of Lions 22feet	
			R6A	TRIANGLE	P
Follow red markers to Buoy R60	056	1	R60	BUOY with small yellow Triangle	P
Turn left between buoy R60 & buoy G59 Continue to Daymark G57			MILE 776	Vilano Beach Bridge	
<i>Tolomato River</i>		6	R42	TRIANGLE	P
		0	G41	SQUARE	S
		2	R36	TRIANGLE	P
favour RED side of river to daymark 33			G33	SQUARE	S
		7	MILE 759	Palm Valley Bridge	
<i>Palm Valley Cut</i>		10	MILE 749	Oak Landing Bridge	
Monitor channel 13 for big ship traffic on St. Johns River at ICW intersection.		2	MILE 748	Beach Blvd Bridge	
		3	MILE 745	Atlantic Blvd Bridge	
		3	MILE 742	Wonderwood Bridge	
			G9	SQUARE	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Swift current and eddies			R6	TRIANGLE	P
<i>St. Johns River</i>			G1	SQUARE	S
Merge with St Johns R for 1/4 mile then exit right past shipyard starboard side.	342	1	R88	TRIANGLE	P
<i>Sisters Creek</i>			MILE 739	Sisters Creek Bridge	
Dock is off ICW after daymark G85 . Turn left at G85 to access dock.				Jacksonville Free City Dock	P
		8	R50	BUOY	P
favour RED side of channel		1	R48	TRIANGLE	P
		1	G47	SQUARE	S
<i>Nassau Sound</i>	050		R46	TRIANGLE	P
wide circle left round daymark 46	325		G45	SQUARE	S
<i>South Amelia River</i>	330		G43	SQUARE	S
	000	1	R42	TRIANGLE	P
	320		G39	SQUARE	S
Turn right at daymark 39 Turn right again at daymark 37			R34	TRIANGLE	P
River curves left at R28 to 285MAG		2	R20	TRIANGLE	P
Begin Back Range	358	2	R14	TRIANGLE	P
			MILE 721	Twin Hwy Bridges	
No Radio.				R/R Bridge 5 feet USUALLY OPEN	
Turn right at daymark G1 (G1 is one mile after G3)		3	G1	SQUARE	S
			R16	TRIANGLE	P
904 310 3304			MILE 717	Fernandina Harbor Slips or mooring buoys	S

Notes	Course MAG	Miles	Aid To Navigation		
		2	G3	BUOY	S
Cumberland Sound - Red ATONs to starboard. *OK outside channel to white diamond daymarks	005	-		Large Wooden Structure	P
Head for buoy R26 Buoy G25 pass either side.	320	-	R26	Lighted BUOY with small yellow square	S*
Take short cut to buoy R30. Buoy R28 pass either side.	327		R30	Lighted BUOY	S*
Leave ICW between buoys 32 & 34 to anchor. Head NE along west shore of island.			MILE 711	Cumberland Island Anchorage	S
			R36	Lighted BUOY	S
Begin Range "D"	358	2	G43	Lighted BUOY	P
Locate daymark R44 at 340MAG.	340	1	R44	TRIANGLE with small yellow square	S
ICW - Green ATONs to Starboard	340	0	G79	SQUARE	S
Circle right round daymark G79. (Kings Bay Naval Base continues ahead.)	028	1	R74	TRIANGLE	P
Begin Range "F"	002	2	G69	SQUARE	S
Daymark G43A at Mile 100 is the most western point on Intracoastal Waterway		7	G43	SQUARE	S
GO TO WP 070	079	2	R40	N30-54.9 W81-28.0 TRIANGLE	P
GO TO WP 071.	043	3	G35	N30-57.2 W81-26.0 SQUARE	S
GO TO WP 072 St. Andrews Sound	028	2	G33	N30-58.7 W81-25.3 SQUARE	S
GO TO WP 073	064	1	R32	N30-59.3 W81-24.2 BUOY	P
Circle left round buoy 32. GO TO WP 074	319	1	R30	N31-00.0 W81-25.1 BUOY	P
GO TO WP 075	309	1	G29	N31-00.5 W81-26.0 SQUARE	S
ICW curves to the right		3	R24	TRIANGLE	P
			MILE 685	Jekyll Harbor Marina Jekyll Island	S

Notes	Course MAG	Miles	Aid To Navigation		
		0		Hwy Bridge	
Continue Green ATONs to Starboard		0	R20A	TRIANGLE	P
		2	R10	TRIANGLE	P
Begin Back Range Jetty Range Continue on range for 200 yards past G3	010		G3	SQUARE	S
GO TO WP 076 <i>St Simons Sound</i>	044	1	G1	Large Range Structure with green SQUARE	S
	044	1	R20A	BUOY	P
	044	1	R20	N31-07.6W81-24.75 BUOY	P
circle left round buoy R20 GO TO WP 077	327	1	G247	N31-08.5 W81-25.6 SQUARE	S
Daymarks on starboard side mark side channel to Golden Isles Marina	350	1	R244	TRIANGLE	P
			MILE 674	Hwy Bridge	
Bear left after bridge		8	G229	SQUARE	S
		0	R228	TRIANGLE	P
Favor Green side of channel		2	G223A	SQUARE	S
Bear left			R222	TRIANGLE	P
			G219	SQUARE	S
Turn right. Green daymark ahead marks channel to <i>South Altamaha River</i>	030		R218	TRIANGLE	P
		2	G213	SQUARE	S
Begin Back Range "C"	135		G209	SQUARE	S
			R208	TRIANGLE	P
<i>Altamaha Sound</i>	074	2	R202	TRIANGLE	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
	086		R198	TRIANGLE	P
Circle left round daymark R198.	307	1	G195	SQUARE	S
Bear right	040	3	R190	TRIANGLE	P
Bear left. Darien River port side at daymark R184		3	R178A	TRIANGLE	P
Doboy Sound	090	0	R178	TRIANGLE	P
Circle left round daymark R178	000	1	G175	SQUARE	S
	030	1	G173	SQUARE	S
ICW curves left. Anchorage is straight ahead. Anchor after the creek curves right.			MILE 647	New Teakettle Creek Anchorage	S
Return to ICW		0	R172	TRIANGLE	P
		2	R158	TRIANGLE	P
	330	2	G157	SQUARE	S
Bear right to Creighton Narrows		4	G151	SQUARE	S
GO TO WP 078 Sapelo Sound	065	2	G145	N31-32.5 W81-15.4 SQUARE	S
GO TO WP 079	090	4	R138	N31-32.9 W81-11.6 TRIANGLE	P
GO TO WP 080	010	2	G135	N31-34.5 W81-11.5 SQUARE	S
ICW curves to the right	035	1	R132	TRIANGLE	P
Bear right at daymark G125 five miles ahead		5	G125	SQUARE	S

Here is a choice of routes:

1. Continue on Intracoastal Waterway
2. Walburg Creek Anchorage Route

Cruisers wishing to bypass Walburg Creek Anchorage stay on ICW

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
<u>1. Continue on Intracoastal Waterway</u>					
		2	G119	SQUARE	S
GO TO WP 082 <i>St. Catherines Sound</i>	047	2	R116	N31-42.0 W81-10.5 TRIANGLE	P
GO TO WP 083	061	2	R114	N31-43.0 W81-08.8 TRIANGLE	P
GO TO WP 084	354	1	R110A	N31-43.8 W81-09.0 TRIANGLE	P

<u>2. Walburg Creek Anchorage Route</u>					
Walburg Creek is on starboard side opposite daymark R124. (R124 is 1/4 mile past R124A).			R124	TRIANGLE	P
Charted depth at entrance is 4 feet. Tidal range is minus 1 foot to plus 9 feet.		2		St. Catherines Island	S
The chart shows the navigable channel as a dotted magenta line. There are no ATONs on this route. Anchor after the creek turns north				Walburg Creek Anchorage	
Head north to the end of St. Catherines Island then GO TO WP 081	055	1		N31-42.5 W81-08.4	
GO TO WP 084	345	2	R110A	N31-43.8 W81-09.0 TRIANGLE	P

routes rejoin

	335	1	R110	TRIANGLE	P
	325	1	G109	SQUARE	S
Kilkenny Creek port side opposite daymark G107	000	1	G107	SQUARE	S
At daymark G105 turn left to Daymark R104C		1	R104C	TRIANGLE	P
		2	R102	TRIANGLE	P
Turn left to 015 magnetic. <i>Florida Passage.</i>		2	R98	TRIANGLE	P
<i>Ossabaw Sound</i>	065	1	R96	TRIANGLE	P
	095	1	G93	SQUARE	S
	110	1	R92	TRIANGLE	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Turn left. Shallow water. Swift side setting current	014		G91	SQUARE	S
<i>Hell Gate</i>	014		G89	BUOY	S
	040		R86	TRIANGLE	P
Circle left round daymark R86	340	2	G81	SQUARE	S
<i>Vernon River</i>	347	2	G79	SQUARE	S
Turn right to <i>Burnside River</i> . Idle speed to G75		5	MILE 592	Skidaway Bridge	
		2	MILE 590	Isle of Hope Marina	P
<i>Latitude 32 degrees North</i>		4	R40	TRIANGLE	P
Turn left to 330mag <i>Wilmington River</i>		3	MILE 583	Thunderbolt Marina	P
channel 9		3	MILE 580	Causton Bluff Bridge 21feet	
		2	G19	SQUARE	S
Pass between R14 & G15. Daymarks A18 & A17 on port side mark route to Savannah		2	R4	TRIANGLE	P
			R2	TRIANGLE	P
				White Danger Beacon	S
Cross <i>Savannah River</i>	080	-	R50	TRIANGLE	P
<i>Fields Cut</i>		2	R42	TRIANGLE	P
Left turn into <i>New River</i>		3	G39	SQUARE	S
bear right into <i>Rams Horn Creek</i>		2	G37	SQUARE	S
turn right into <i>Cooper River</i>		4	R32	TRIANGLE on 16ft dolphin piles	P
GO TO WP 085 <i>Calibogue Sound</i>	055	4	G29	N32-10.7 W80-47.5 SQUARE	S
R2 on port side marks a side channel	010		R28	TRIANGLE	P

Notes	Course MAG	Miles	Aid To Navigation		
		1	R24	TRIANGLE	P
Bear right to Hwy Bridge			MILE 558	Hwy Bridge	
		5	G3	SQUARE	S
GO TO WP 086 <i>Port Royal Sound</i>	100	1	R2	N32-16.3 W80-42.5 NUN BUOY	P
GO TO WP 087	090	3	R246	N32-16.5 W80-39.8 TRIANGLE	P
<i>Beaufort River</i> Red ATONs to starboard	057	1	G27	Lighted BUOY with small yellow triangle	P
	012	2	G31A	Lighted BUOY	P
	348	2	G37	Lighted BUOY	P
	337	2	G41	Lighted BUOY	P
Bear right to Hwy Bridge. Daymark R42 on port side marks a side channel.			MILE 540	Hwy Bridge	
ICW - Green ATONs to Starboard			R242	TRIANGLE	P
bear left			G241	SQUARE	S
Slips or mooring buoys		1	MILE 536	Downtown Marina, Beaufort SC	P
Channel 9		0	-	Ladies Island Swing Bridge 30 feet	
		7	G209	SQUARE	S
Back Range "A" begins ahead	093	2	R200	TRIANGLE	P
bear left			G199	SQUARE	S
GO TO WP 088	103	1	G195	N32-30.41W80-37.0 SQUARE	S
GO TO WP 089	122		R192	TRIANGLE	P
<i>St. Helena Sound</i>	122	2	G189	N32-29.8 W80-35.5 SQUARE	S

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP 090	089	5	R186	N32-30.3 W80-30.3 TRIANGLE	P
Turn left to pass between R184 & G185. (St. Helena Sound continues ahead.)			R184	TRIANGLE	P
Ashepoo Coosaw cut-off .			G177	SQUARE	S
Turn right	138		R172	TRIANGLE	P
Turn Left to Ashepoo Coosaw cut-off continuation .	055		R168	TRIANGLE	P
Turn right into Ashepoo River			R164	TRIANGLE	P
Two left turns into South Edisto River Locate daymark "161A"			G"161A"	SQUARE	S
Begin Back Range "C"			G159	SQUARE	S
	072		G157	SQUARE	S
	030		G149	SQUARE	S
	030		G143	SQUARE	S
Leave South Edisto River . Turn right into Watts Cut		3	MILE 501	Hwy Bridge	-
		4	R116	TRIANGLE	P
Turn left and pass between Daymark 112 & Can Buoy 113. Continue to G109			R108	TRIANGLE	P
Turn left (040mag) to North Edisto River. Locate daymark R102 two miles ahead	040	2	R102	TRIANGLE	P
		5	R82	TRIANGLE	P
Begin Range "A"	056	1	R78	TRIANGLE	P
Leave ICW before daymark G77 to anchor. Good place to wait out tide at Elliott Cut .				Church Creek Anchorage	S
			G77	SQUARE	S
		8	MILE 479	Limehouse Bridge	-

Notes	Course MAG	Miles	Aid To Navigation		
<i>Stono River</i>		4	G21	SQUARE	S
Pass between daymarks R20 & G19A Continue to daymark "B"		1	G19A	SQUARE	S
Leave <i>Stono River</i> . Enter <i>Elliott Cut</i> at daymark "B".			B	Green over Red SQUARE	S
Narrow channel, swift tidal currents. Channel 9.		2	MILE 471	Wappoo Cut Bridge 33ft	
<i>Wappoo Creek</i>		-	MILE 470	James Island Expressway	
			R2	TRIANGLE	P
Turn left up Ashley River then Charleston City Marina is on starboard side		-	MILE 469	Charleston City Marina	
From City Marina head 140MAG to G3	140	-	G3	SQUARE	S
	124	2	BP	Red over Green TRIANGLE	P
Fort Sumter on starboard side opposite buoy R2	097	2	R2	Lighted BUOY	P
Turn left (055MAG) to daymark R130. Daymarks G1 & R2 on port side mark a side channel.	055	1	R130	TRIANGLE	P
Begin Range "C"	082	-	G127	SQUARE	S
Channel 9. Use left (north) draw.		-	MILE 462	Ben Sawyer Bridge 31 feet	
<i>Halfway point on Great Loop</i>		3	MILE 459	Isle of Palms Connector Bridge	
		29	G35	SQUARE	S
McClellanville		12	R18	TRIANGLE	P
Pass between daymarks R16 & G15		-	R16	TRIANGLE	P
		-	G7	SQUARE	S
<i>Estherville Minim Creek Canal</i>		4	MILE 412	Pontoon Bridge	
		1	R2	TRIANGLE	P

Notes	Course MAG	Miles	Aid To Navigation		
turn left into <i>Western Channel</i> . Continue past two red daymarks port side.		2	R98	TRIANGLE	P
	358	1	G97	SQUARE	S
Winyah Bay - Red ATONs to Starboard	001	1	R30	Lighted BUOY with small yellow square	S
Follow red buoys, starboard side to buoy G39.		3	G39	Lighted BUOY	P
Turn left between Daymarks 41 & 42 Continue to daymark "S"	343		S	Red over Green TRIANGLE	P
fork right and follow right bank.			MILE 403	Harborwalk Marina Georgetown, SC	S
Return to Daymark 42			R42	TRIANGLE	P
	115		W	Red over Green TRIANGLE	P
	060		R94	TRIANGLE	P
ICW - Green ATONs to Starboard			MILE 401	US17 Hwy Bridge	
<i>Waccamaw River</i>		26	G"27A"	SQUARE	S
<i>Pine Island Cut</i>		4	MILE 371	SC 544 Hwy Bridge	
Channel 9 Sock-ass-tee		0	MILE 371	Socastee Swing Bridge 11ft REQUEST OPEN	
		6	MILE 365	R/R Bridge 16 feet USUALLY OPEN	
Rocky section. Numerous rock ledges both sides of the channel.		4	MILE 361	Bob Grissom Parkway	
		2	MILE 359	Grand Dunes Marina Grand Dunes Bridge	S
		4	MILE 355	Conway Bypass	
		1	MILE 354	Barefoot Marina	P
Rock Pile - narrow channel monitor channels 13 & 16 for oncoming traffic		0		Barefoot Bridge 31ft	
		5	MILE 349	Main Street Connector Bridge	

Notes	Course MAG	Miles	Aid To Navigation		
Channel 9		2	MILE 347	Little River Swing Bridge 7ft REQUEST OPEN	
Governors' Lighthouse and Coquina Harbor port side.		4	R2	TRIANGLE	P
Junction with Little River Inlet. Continue ahead to daymark G119		0	G119	SQUARE	S
		4	MILE 338	Sunset Beach Bridge	
		3	MILE 335	Ocean Isle Bridge	
		4	G83	SQUARE	S
Junction with Shallotte Inlet		7	MILE 324	Holden Beach Bridge No wake zone	
		1	R48A	TRIANGLE	P
Junction with Lockwoods Folly Inlet. Favor red side of channel at next buoy		3	G33	SQUARE	S
		3	MILE 317	Middleton Ave Bridge	
		5	MILE 312	Oak Island Bridge	
Southport Marina adjacent daymark R2A		2	MILE 310	Southport Marina Southport, NC	P
			G1	SQUARE	S
Turn left into Cape Fear River			R2	NUN BUOY	P
Red ATONS to Starboard	077	1	G19	Lighted BUOY with small yellow triangle	P
Begin range lights Ferry docks (2) port side	064	1	R20	BUOY	S
GO TO WP 091	055	3	G25A	N33-57.3 W77-57.4 BUOY	P
GO TO WP 092 Ferry crosses from the right.	033	1	G27	N33-58.2 W77-56.9 BUOY	P
GO TO WP 093 Buoy "2S" on port side marks a side channel	014	1	R28	N33-59.2 W77-56.8 BUOY	S
GO TO WP 094	023	2	G31	N34-00.6 W77-56.4 BUOY	P
Leave Cape Fear River. Bear right on ICW (Cape Fear River continues 14 miles to Wilmington.)	012	1	G177	SQUARE	S
ICW - Green ATONs to Starboard	034	-	R176	TRIANGLE	P

<u>Notes</u>	<u>Course</u> <u>MAG</u>	<u>Miles</u>	<u>Aid To Navigation</u>		
	034	1	G167	SQUARE	S
	070	-	G165	SQUARE	S
<i>Snows Cut</i> - swift currents.		-	MILE 296	Hwy Bridge	
Turn left to 015 mag.		9	G129A	SQUARE	S
			G129	CAN BUOY	S

Cruisers wishing to bypass Wrightsville Beach Anchorage stay on ICW.

Wrightsville Beach Anchorage Route					
Circle right round G129 Can Buoy. <i>Shinn Creek</i> - Green ATONS to starboard.			WC	Green over Red SQUARE	P
Turn left into <i>Banks Channel</i> Red ATONS to starboard.			R14	TRIANGLE	P*
*Pass <i>Motts Channel</i> (port side) and anchor before fixed bridge. Dinghy dock is adjacent to bridge.				Wrightsville Beach Anchorage	
Return to ICW via <i>Motts Channel</i> Red ATONS to starboard.			R14	TRIANGLE	S
<i>Motts Channel</i> zig zags to the right then the left.			G19	Buoy	P
Seapath Marina starboard side.			G25	SQUARE	P

routes rejoin

			MILE 283	Wrightsville Beach Marina	S
Channel 13 Opens Hourly Check bridge height gage board		0	MILE 283	Wrightsville Bridge 17ft REQUEST OPEN	
Channel 13 Opens half-hourly		5	MILE 278	Figure 8 Island Bridge 20 feet	
		17	MILE 261	Surf City Bridge	
ICW - Green ATONs to starboard		8	MILE 253	Hwy Bridge	
Swan Point Marina adjacent daymark R4		6	MILE 247	Swan Point Marina	P
		0	R2	TRIANGLE	P

Notes	Course MAG	Miles	Aid To Navigation		
Follow RED ATONs, port side, as waterway curves right. A Triangle daymark on starboard side marks a side channel to New River Inlet.		1	G69	SQUARE	S
Channel 13. Opens half hourly.		5	MILE 241	Onslow Beach Bridge 12ft REQUEST OPEN	
Camp Lejeune firing range - ICW may be closed temporally. 910-451- 4449		1	MILE 240	SIGN and South Tower	S
Pass between Nun R50 and Daymark G49 , Continue to daymark R48		5	R48	TRIANGLE	P
			R46C	TRIANGLE	P
Buoy R2 marks channel to marina			MILE 229	Caspers Marina Swansboro, NC	P
return to R2 then turn to 130mag		-	R46B	TRIANGLE	P
Locate Buoy G45A (after daymark G45B).		1	G45A	BUOY	S
<i>Bogue Inlet</i>			G45	SQUARE	S
		2	MILE 226	Emerald Isle Bridge	
<i>Bogue Sound</i>			R42	TRIANGLE	P
Pass between daymarks R40A & G41	095		G41	SQUARE	S
Pass daymark G"3B" before heading to bridge.		18	MILE 207	Atlantic Beach Bridge	
			G3A	SQUARE	S
Many markers to port and stbrd mark side channels. Locate R4 and R2 at 118mag	118		R2	TRIANGLE	P
continue Green ATONs to starboard	094	1	G23	Lighted BUOY with small yellow square	S
Leave ICW. Bear right towards Beaufort Inlet. (ICW bypasses Beaufort.)	136	1	R20	Lighted BUOY	P
		1	G"1BH"	Green over Red Small Lighted BUOY	P
Turn left to pass between buoys G3 & R2 (Beaufort Inlet continues ahead)			R2	BUOY	S
<i>Radio Island Channel</i> Red ATONs to starboard		1	R10	TRIANGLE	S

Notes	Course MAG	Miles	Aid To Navigation		
			"TC"	Red over Green Triangle	S
				Beaufort Docks Beaufort, NC	
Return to "TC" and continue ahead.			"TC"	Red over Green Triangle	P
<i>Gallants Channel</i> Green ATONs to starboard				US70 Highway Bridge	
			R12	TRIANGLE	P
	330	-	G7	SQUARE	S
Turn right to pass between Triangle daymark 'RG' (port) & daymark G7 (stbd)	055		R6	TRIANGLE	P
<i>Russell Slough Channel</i> continue Green ATONs to starboard	000		"RS"	Green over Red Square	P
Rejoin ICW - continue Green ATONs to starboard		5	MILE 196	Core Creek Bridge	
<i>Adam's Creek</i>		8	R8A	TRIANGLE	P
Bear left to daymark R8		2	R4	TRIANGLE	P
Pass between Nun R2 and Square G3	000		G3	SQUARE	S
GO TO WP 095 <i>Neuse River</i>	320	1	G 1AC	N34-58.5 W76-41.8 SQUARE	S
GO TO WP 096	047	3	G7	N35-00.5 W76-40.0 SQUARE	S
GO TO WP 097	067	6	R6	TRIANGLE	P
	067	2	R4	N35-04.5 W76-32.7 TRIANGLE	P
GO TO WP 098	040	6	NR	N35-08.8 W76-29.8 Red over Green TRIANGLE	P
GO TO WP 099 <i>Bay River</i>	315	2	G1	SQUARE	P
	315	2	G3	SQUARE	P
	315	1	G27	N35-11.65W76-34.8 SQUARE	S
turn right to 345mag. ICW - Green ATONs to starboard		4	MILE 157	Hobucken Bridge	

Notes	Course MAG	Miles	Aid To Navigation		
<i>Goose Creek</i>		7	R6	TRIANGLE	P
Pass between daymarks R4 & G3 Continue to Daymark G1	070	1	G1	SQUARE	S
GO TO WP 100.	052	4	PR	N35-22.7 W76-33.3 Red over Green TRIANGLE	P
GO TO WP 101 <i>Pungo River</i> - Red ATONs to starboard	359	4	G3	N35-25.8 W76-34.1 SQUARE	P
GO TO WP 102	348	1	R4	N35-27.0 W76-34.7 TRIANGLE	S
GO TO WP 103	002	2	G7	N35-29.0 W76-35.1 SQUARE	P
GO TO WP 104 Daymarks 1BC & 2BC pass either side*	347	1	R8	TRIANGLE	S
	347	2	R "4"	N35-31.4 W76-36.4 TRIANGLE	S
Pass between daymarks G5 & R6 .		1	MILE 136	River Forest Marina Belhaven, NC	S
Continue to G9 252 944 0066		0		Belhaven Marina Belhaven, NC	S
return to R "4"			R "4"	TRIANGLE	P
GO TO WP 105 *This route is outside the marked channel Dowry Creek Marina port side at G15	104		R'2BC'	TRIANGLE	S*
	104		R10	TRIANGLE	S
	104	5	G19	N35-31.12W76-30.0 SQUARE	P
	048	3	G23	SQUARE	P
<i>Alligator River - Pungo River Canal,</i> <i>22 miles long.</i>	088	2	MILE 126	Wilkerson Bridge Fixed 64 feet	
Begin Green ATONs to starboard		3	G"59AR"	SQUARE	S
Stay in mid channel in canal. Watch for logs.		8	MILE 114	Fairfield Bridge	
logs and snags in Alligator River		9	R52	TRIANGLE	P
<i>Alligator River</i>		3	G43	SQUARE	S
Deep Point anchorage port side opposite G43 Good place to wait out high wind		1	G39	SQUARE	S

<u>Notes</u>	<u>Course</u> <u>MAG</u>	<u>Miles</u>	<u>Aid To Navigation</u>		
	070	-	G37	SQUARE	S
	035	2	R30	TRIANGLE	P
GO TO WP 106	006	10	R18	N35-51.0 W76-01.7 TRIANGLE	P
GO TO WP 107	029	4		N35-54.0 W76-00.5	
Alligator River Swing Bridge Channel 13. Use East draw.			MILE 84	Hwy Bridge 14 feet REQUEST OPEN	
Follow marked secondary channel to Marina		0		Alligator River Marina	P
Return to ICW		2	G9	SQUARE	S
Pass between R8 & G7 , then R6 & G5 , then locate daymark G3 to the northwest			G3	SQUARE	S

Here is a choice of routes:-

1. Dismal Swamp Canal Route
2. Virginia Cut Route

<u>1. DISMAL SWAMP CANAL ROUTE</u>					
GO TO WP 108	003	13	G"1PR"	N36-09.0 W76-00.0 SQUARE	P
GO TO WP 109	329	11	G"5A"	N36-16.0 W76-08.0 SQUARE	P
GO TO WP 110	309	4	G"7"	N36-17.7 W76-12.0 SQUARE	P
Pasquotank River Red ATONs to starboard			R"8"	TRIANGLE	S
			MILE 51	Mariners' Wharf Elizabeth City	P
Elizabeth City Bridge Channel 13				Hwy Bridge 12 feet REQUEST OPEN	
<u>Canal Locks operate at 0830, 1100, 1330 & 1530 usually, but only 0900 & 1500 if water level is low.</u>		3	MILE 48	R/R Bridge 3 feet No Radio	
Channel 13 You are Northbound You need lines bow & stern and fenders on port side		15	MILE 33	South Mills Lock UP 8 feet	
Lockmaster will open the bridge.		1		South Mills Bridge 4 feet.	

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
<i>Dismal Swamp Canal</i>		0	MILE 32	Hwy 17 Bridge	
Channel 13.		4	MILE 28	Dismal Swamp State Park Pontoon Bridge	
Free overnight dock, rafting may be required.		0	MILE 28	Dismal Swamp Canal Welcome Center	S
Tie-up wall before the bridge, starboard side. Lockmaster will open the bridge. Channel 13		16	MILE 12	Deep Creek Bridge 4 feet.	
You will need lines bow & stern and fenders on port side. Southbound boats lock first.		1	MILE 11	Deep Creek Lock DOWN 10 feet	
Deep Creek Green ATONs to starboard		3	R2	TRIANGLE	P

Turn left to rejoin ICW - Green ATONs to starboard. Great Loop continues on Page 48.

<u>2. VIRGINIA CUT ROUTE</u>					
From Alligator River G3 GO TO WP 111	038	1	G 1AR	SQUARE	S
<i>Albemarle Sound</i>	038	3	"S"	N36-01.0 W75-57.4 Red/White DIAMOND	P
GO TO WP 112	034	6	"N"	Black/White DIAMOND	P
	034	2	G173	N36-08.0W75-53.66 SQUARE	S
GO TO WP 113	015	1	R170	TRIANGLE	P
<i>North River</i> Green ATONs to starboard	015	1	R166	N36-10.5W75-53.45 TRIANGLE	P
GO TO WP 114	332	3	R164	N36-12.45W75-55.4 TRIANGLE	P
GO TO WP 115	353	2	G161	N36-13.9 W75-56.0 SQUARE	S
GO TO WP 116	333	2	G157	N36-15.0W75-57.08 SQUARE	S
		8	MILE 50	Coinjock Hwy Bridge	
Swift wind generated current in channel.				Midway Marina, Coinjock, NC	P
<i>Currituck Sound</i>		7	G99	SQUARE	S
<i>North Landing River</i>	325	3	G87	SQUARE	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
River curves to the right at daymark G47		11	MILE 29	SR726 Hwy Bridge	
Channel 13 Opens half-hourly		9	MILE 20	North Landing Bridge 6ft REQUEST OPEN	
<i>Virginia Cut</i> (Albemarle and Chesapeake Canal)		5	MILE 15	Centerville Turnpike 4ft Opens half hourly, except 4-6pm M-F	
No Radio		1	MILE 14	R/R Bridge 7 feet Usually Open	
Channel 13 Opens Hourly Free overnight docks before & after bridge, strbd.		2	MILE 12	Great Bridge Bridge 6ft REQUEST OPEN	
You will need lines bow & stern to loop round cleats on top of lock wall. Lockmaster helps on starboard side. Fenders not required on port side.				Great Bridge Lock UP or DOWN 1 foot	
		3	MILE 9	Veterans Bridge	

Dismal Swamp Canal & Virginia Cut Routes rejoin

WARNING WHISTLES: One long blast announces vessel leaving the dock.
One long blast followed by three short blasts announces vessel leaving the dock in reverse.
Five short blasts is the danger signal

Monitor Channel 13.			MILE 7	I-64 Hwy Bridge	
Remotely controlled bridge. Securite on ch 13 is closing warning.		1	MILE 6	#7 R/R Bridge 7ft REQUEST OPEN	
		0	MILE 6	Gilmerton Bridge 35 feet	
7 mph speed limit to buoy 36		2	MILE 4	N&W R/R Bridge 10ft Usually Open	
Remotely controlled bridge. Securite on ch 13 is closing warning.		1	MILE 3	Belt Line R/R Bridge 6ft Usually Open	
Portsmouth, VA (Port) Norfolk, VA (Starboard)		1	MILE 2	Ocean Marine Portsmouth, VA	P
Turn right towards 'Bank of America' for marina		1	MILE 1	Waterside Marina Norfolk, VA	S
Buoy R36 is ICW Mile Zero.		1	R36	BUOY	P
Elizabeth River - Green ATONs to starboard. River curves to the right at buoy G29		9	G5	Gong BUOY	S
GO TO WP 117. *This route is outside big ship channel	055	2	G 1ER	N36-59.2 W76-18.6 Lighted BUOY	P*
GO TO WP 118	075	2	G21	N37-00.0 W76-16.7 Bell BUOY	P*

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP 119 <i>Chesapeake Bay</i>	027	2	R2	TRIANGLE	S
	027	1	G3	SQUARE	P
	027	3	G 1BR	N37-05.5 W76-14.8 SQUARE	P
GO TO WP 120 Buoys G7 & R8 on port side mark channel to York River New Point Comfort Lighthouse, a white tower, is on shore 4 miles to port.	022	1	R 2PF	TRIANGLE	P
	022	13		New Point Comfort Lighthouse	P
	022	7		N37-23.4 W76-10.7 Wolf Trap Lighthouse	P

Cruisers wishing to bypass Deltaville may proceed directly to Waypoint 123					
WP 123	000	14		N37-35.5 W76-13.6 Windmill Point Light Red/white DIAMOND	P

<u>Deltaville Route</u>					
GO TO WP 121 Buoys G"1P" & R"2" on port side mark channel to Piankatank River.	352	5	G3	SQUARE	P
	352	8		Sting Ray Point Light Green/white DIAMOND	P
	352	1	G "3R"	N37-34.3 W76-15.7 SQUARE	P
GO TO WP 122	296	2	G1	N37-34.8 W76-18.0 SQUARE	P
Daymark G1 is .5 mile to port. Turn left to G1 . Continue to R6 .				Regatta Point Marina Deltaville, VA	P
Return to Waypoint 122, then GO TO WP123	090	4		N37-35.5 W76-13.6 Windmill Point Light Red/white DIAMOND	P

routes rejoin

GO TO WP 124	018	13	G 1GW	BUOY	P
	018	5	G 63A	CAN BUOY	S
	018	2		N37-52.8 W76-10.8 Smith Point Lighthouse	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
GO TO WP 125 Junction with Potomac River port side.	356	2	G "1"	CAN BUOY	P
	356	2	G 65	BUOY	S*
	356	15		Point No Point Lighthouse (Red caisson, White top)	P
	356	6	Y "C"	N38-13.2 W76-18.0 LIGHTED BUOY	P
GO TO WP 126	346	7	G 1PR	N38-19.0 W76-21.5 BUOY	P

Cruisers wishing to bypass Solomons may proceed directly to Waypoint 128					
WP 128	006	5		N38-23.0 W76-21.9 Gas Dock	P

<u>Solomons Route</u>					
	285	2	G"3"	SQUARE	P
			R "4"	TRIANGLE	S
	305		G1	SQUARE	P
Pass between daymarks G"3" & R"2A"	280		SH	Red over Green TRIANGLE	S
Circle clockwise round bulkhead island, then follow RED daymarks to R8				Spring Cove Marina, Solomons, MD	P
return to R "4"			R "4"	TRIANGLE	P
GO TO WP 127	067	3	G77	N38-20.5 W76-22.3 BUOY	S
GO TO WP 128 Cove Point Lighthouse	019	3		N38-23.0 W76-21.9 Gas Dock	P

routes rejoin

GO TO WP 129	001	6	CP	Red/white Buoy	S
	001	6	R 78	BELL BUOY	P
	001	3	R 80	N38-36.0 W76-25.2 BELL BUOY	S
Junction with Choptank River starboard side					

Notes	Course	Miles	Aid To Navigation		
	MAG				
GO TO WP 130 National Historic Lighthouse Screwpile with 1 1/2 storey building.	010	3	CR	Red/white Whistle Buoy	S
	010	4	R 82	BUOY	S
	010	13	GR "SR" Can Buoy	Thomas Point Lighthouse	P
	010	3	G 1AH	N38-56.0 W76-25.8 SQUARE	P

Cruisers wishing to bypass Annapolis may proceed directly to Waypoint 132					
WP 132	045	5		N38-59.5 W76-23.0 Bay Bridge	-

Annapolis Route					
GO TO WP 131 Keep Radio Towers to starboard	340	3	R "4"	N38-58.0 W76-27.4 TRIANGLE	S
Follow RED buoys, starboard side, to buoy G9 then turn left.	340		G "9"	Lighted Buoy	P
Enter harbor parallel to seawall starboard side			SC	Green over Red CAN BUOY	S
Alternative to marina, select a mooring buoy, 45ft max. Call marina or harbormaster on Ch 9.	270			The Yacht Basin, Annapolis, MD	
return to Waypoint 131			R "4"	N38-58.0 W76-27.4 TRIANGLE	P
GO TO WP 132	078		A	Yellow DIAMOND	S
	078	4		N38-59.5 W76-23.0 Bay Bridge	

routes rejoin

GO TO WP 133 Buoys G"1C" & R2 on port side mark Craighill Channel to Baltimore *This route is outside big ship channel.	035	1	R 94	BELL BUOY	S
	035	14	G 17	Lighted BUOY	P
	035	2	G 21A	CAN BUOY	P
	035	4	R 30	Lighted BUOY	P*
	035	3	R 34A	NUN BUOY	P*
	035	2	R 40	N39-19.85W76-11.8 Lighted BUOY	S

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP 134 *This route is outside big ship channel Passes buoys R42, R44 & R46 on port side Shipping channel crosses	067	1	R 40A	NUN BUOY	S
	067	1	R 42	Lighted BUOY	P*
	067	4	G 47	Lighted BUOY	S*
	067	6	R 8	N39-26.0 W76-00.5 Lighted BUOY	S
Begin Range "North Range", (left of two). Monitor Channel 13. You are eastbound.	054	3	R 12	Lighted BUOY	S
Traffic Light on shore at buoy R18 . If flashing red you may call Dispatcher WB33 on channel 13.	058	4	R 18	Lighted BUOY	S
<i>Chesapeake & Delaware Canal</i>		6		Chesapeake City Bridge	
Town dock on right at entrance to Basin plus two slips bow-in.		0		Town Dock Chesapeake City, MD	S
		4		Summit Bridge	
				Summit North Marina	P
		0		R/R Lift Bridge	
		3		New Cable-stayed Bridge & old bridge	
		4		Reedy Point Bridge	
		1	G 1CD	SQUARE	S
Locate small Can Buoy G27 on right.	150	1	G 27	CAN BUOY	S
GO TO WP 135 *This route is outside big ship channel.	192	2	G 9	Lighted Buoy	S
	192	2	R 6	Lighted BUOY	S*
	192	2	R 2	N39-27.3 W75-33.5 TRIANGLE	P
GO TO WP 136 <i>Delaware Bay</i>	150	14	Ship John Lighthouse. (Red with dormer windows)		P
	150	3	G 35	Lighted Buoy	S
	150	3	R 32	N39-14.0 W75-18.3 TRIANGLE	P

Notes	Course MAG	Miles	Aid To Navigation	
GO TO WP 137 *This route is outside big ship channel	148	4	Elbow of Cross Ledge Light. (Steel tower on red base.)	S*
	148	2	Cross Ledge Lighthouse Ruins (Abandoned base.)	S
	148	3	Miah Maull Lighthouse. (Red tower, black base)	S
	148	17	R 10 N38-58.0 W74-58.0 TRIANGLE	S
<i>Cape May Canal</i> Shallow water starboard side at beginning of canal		2	Hwy Bridge	
Use left (north) draw at R/R bridge.			R/R Bridge 4 feet Always Open	
<i>Cape May Harbor</i> Green ATONs to starboard			Hwy Bridge	
Utsch's Marina starboard side			R16 TRIANGLE	P
Turn right parallel to sea-wall. Enter marina at the lighthouse.			Utsch's Marina Cape May, NJ	
Return to daymark R16 Continue to R14	140		R14 TRIANGLE	P
Turn left	094	1	R4 Range Structure with red TRIANGLE	P
Leave ICW - Turn right to Cape May Inlet. (NJ-ICW continues with possible shallow water)	159	1	R4 TRIANGLE	P
GO TO WP 138	070	6	N38-59.0 W74-46.5	
GO TO WP 139	042	9	R"4A" N39-06.0 W74-41.2 Lighted Bell Buoy	P
GO TO WP 140	055	23	G1 N39-21.0 W74-24.0 Lighted Gong Buoy	S
<i>Absecon Inlet</i> Red ATONs to starboard			G3 Lighted Buoy	P
Turn left before "CC" Continue Red ATONS to starboard		2	"CC" Green over Red Buoy	S
Channel 65 or 1 800 876 4386 Golden Nugget			Farley Marina, Atlantic City, NJ.	S

Junction with New Jersey ICW.

(The New Jersey ICW is not covered in Navigation Notes.

The route may be passable at mid to high tide.)

Notes	Course MAG	Miles	Aid To Navigation		
Great Loop continues via Outside Route.					
Return to Absecon Inlet Buoy G3			G3	Lighted Buoy	S
Continue to Buoy R2	170	1	R2	Lighted Buoy	P
GO TO WP 141	067	4		N39-23.0 W74-20.0	
GO TO WP 142	043	6	LE	Red/White Buoy	P
	043	22	BI	N39-44.5 W74-04.0 Red/White Buoy	S
GO TO WP 143	019	24	R "2M"	N40-05.0 W74-01.0 Lighted Bell Buoy	S
<i>Manasquan Inlet</i>			R "4"	TRIANGLE	S
Marina is before R/R Bridge Swift tidal current in marina		1		Hoffman's Marina Brielle, NJ	S
R/R Bridge - Narrow passage, swift current, blind corner, busy channel. Channel 13		0		R/R Bridge 3 feet Opens between trains	
		0		Hoffman's Marina West	S

New Jersey ICW Route rejoins

Return to Manasquan Inlet Daymark R"4"			R "4"	TRIANGLE	P
GO TO WP 144 Monitor channels 13 & 16 thru New York Harbor	033	18	G1	N40-20.5 W73-55.5 BELL BUOY	P
GO TO WP 145 *Cross Sandy Hook Channel.	000	9	G5	GONG BUOY	S*
	000	1	R8	N40-28.9 W73-58.5 BELL BUOY	P*
GO TO WP 146	325	3	R"8S" BELLBUOY	N40-30.6 W74-01.1 Romer Shoal Lighthouse. Red over white tower	S
GO TO WP 147 Cross Shipping Channel	002	7		Verrazano Narrows Suspension Bridge	
	002	2	R26	N40-38.0 W74-03.1 BELL BUOY	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Head 023MAG towards Statue of Liberty. *This route is outside big ship channel	023	1	R30	BELL BUOY	P*
Continue towards Statue of Liberty. Ferry crossing	023	2		Statue of Liberty	
	023		G33	GONG BUOY	S*
Bear right round buoy G33. *This route is outside big ship channel	040		G35	GONG BUOY	S*
	030	1	G"1"	CAN BUOY	P
Channel 72				Liberty Landing Marina Jersey City	P
Manhattan		11		George Washington Bridge	
Hudson River Red ATONs to starboard		15		I-87 Hwy Bridge	
GO TO WP 148 This route is outside big ship channel	004	6		N41-09.0 W73-54.0 Green/white DIAMOND	P

Cruisers wishing to bypass Half Moon Bay Marina may proceed directly to Waypoint 150					
WP 150 This route is outside big ship channel.	347	7		N41-14.7 W73-57.9 Stony Point Lighthouse	P

Half Moon Bay Marina Route					
GO TO WP 149	005	1	R18	BUOY	P
	005	2		N41-11.6 W73-54.5 Croton Point	S
Enter marina from the south. Dog owners request a dog friendly dock	090	1		Half Moon Bay Marina Croton-on-Hudson,NY	
GO BACK TO WP 149	270	1		N41-11.6 W73-54.5	
GO TO WP 150	334	5		N41-14.7 W73-57.9 Stony Point Lighthouse	P

routes rejoin

		6		Bear Mountain Bridge	
		10	R48	Bannerman's Castle Pollepel Island	S

Notes	Course MAG	Miles	Aid To Navigation		
		5		Newburgh/Beacon Bridge	
		13		Poughkeepsie Bridges	
End of Salt Water. (Tidal water continues to Troy)		9	El	Esopus Island Red/white DIAMOND	S
		3		Esopus Meadows Lighthouse	P
		3	G73	BUOY	P
Turn left into Rondout Creek & continue 5mph to Hwy Bridge, dock on right. Phone 845 331 6940				City Marina, Kingston, NY	
		0		Kingston Lighthouse	P
Locate buoys R74 & R76 close to shore and continue Red ATONs to starboard.			R74	BUOY	S
Use left span at bridge.				Kingston/Rhinecliff Bridge	
		1	R82	BUOY	S
Saugerties Lighthouse port side at buoy R94		7	R96	TRIANGLE	S
Lighted Range begins at buoy R98.	032	2	R102	TRIANGLE	S
Take short cut. Keep buoy R104 to port and pass between CB (port) and east shore (starboard).		1	"CB"	Green/white DIAMOND on steel tower.	P
Continue parallel to starboard shore and rejoin channel at daymark 116.		2	R116	TRIANGLE	S
Catskill		3		Rip van Winkle Bridge	
Take short cut. At buoy R30 bear left (055MAG). Hudson City Lighthouse starboard side.		3		Hudson City Lighthouse	S
			R2	TRIANGLE	S
			G143	Lighted BUOY	S*
Hudson River		9	R180	TRIANGLE	*
*Anchor in channel east of Houghtaling Island. Return to daymark R180 starboard side.				Houghtaling Island Anchorage	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Begin Range	005	1	R184	TRIANGLE	S
		0		Shady Harbor Marina	P
		4		Castleton-on-Hudson Bridges	
Albany	10			Dunn Memorial Bridge	
				Swing Bridge 25ft	
				Patroon Island Bridge	
	2			Troy Menands Bridge	
Troy	2			Congress Street Bridge	
Bear right after Congress Street bridge.				Large Lift Bridge	
(518) 316-5535		0		Troy Downtown Marina	S
Troy Lock (also called Federal Lock) has several vertical pipes along lock wall. Loop your line around a pipe amidships. Channel 13 - You are northbound.				Hwy Bridge Use right (east) span	
				Troy Lock UP 14 feet	
<i>End of Tidal Water</i>				112th Street Bridge 21 feet	
<i>Most Eastern Point of Great Loop</i>			G1	CAN BUOY	P
			(sign)	ERIE CANAL CHAMPLAIN CANAL	S

Here is a choice of routes:

1. Erie Canal Route or 2: Champlain Canal Route

TIP: Save the Champlain Canal Route for your second Loop..

ERIE CANAL ROUTE					
Leave Hudson River. Turn left on Erie Canal. Hudson River continues to Champlain Canal.				Welcome Center Waterford, NY	S
Erie Canal locks monitor Channel 13. You are westbound.			ropes and cables	Locks 2-6 UP 34 feet each	
Mohawk River Red ATONs to starboard.		11	ropes and cables	Lock 7 UP 27ft	
Overnight tie-up wall after lock 8 port side		11	ropes	Lock 8 UP 14ft	

<u>Notes</u>	<u>Course</u> <u>MAG</u>	<u>Miles</u>	<u>Aid To Navigation</u>		
Erie Canal Locks have ropes, cables or pipes. <u>Ropes</u> : Several ropes hang on lock wall. Grab ropes at bow & stern. <u>Cables</u> : Several plastic coated cables are secured top and bottom. Loop your line around cables or pipes bow & stern		5	ropes	Lock 9 UP 15 ft	
		6	ropes	Lock 10 UP 15ft	
		3		Riverlink Park Amsterdam, NY	S
		1	ropes	Lock 11 UP 12ft	
		5	ropes and pipes	Lock 12 UP 11ft	S
Overnight tie-up wall after lock 12 starboard side					
Bridge Clearance on Erie Canal is 20ft. There is normally one foot extra.		10	ropes and pipes	Lock 13 UP 8ft	
Port side, before the next bridge.		7		Riverfront Park Canajoharie, NY	P
		0	ropes and pipes	Lock 14 UP 8ft	
		3	ropes	Lock 15 UP 8ft	
St. Johnsville marina starboard side		6	ropes	Lock 16 UP 21ft	
Portside tie up in Lock 17. Try not to take a wake into lock.		8	ropes	Lock 17 UP 40ft	
Little Falls Harbor is after the next guard gate		1		Little Falls Harbor	P
Erie Canal. Speed limit 10mph		3	ropes and cables	Lock 18 UP 20ft	
		6		Ilion Marina	P
Low bridge - check height gage port side		6		R/R Bridge	
		0	ropes and pipes	Lock 19 UP 21ft	
		10	ropes	Lock 20 UP 16ft	
Overnight dock starboard side. Tie-up wall port side		0		Marcy Park Marcy, NY	
Highest Level of Erie Canal - 420 feet		18	ropes	Locks 21 & 22 DOWN 25ft each	
Tie-up before bridge, rings (not cleats).		5		Overnight Wall Sylvan Beach, NY.	S

Notes	Course MAG	Miles	Aid To Navigation		
<i>Oneida Lake</i>			R106	BUOY	S
GO TO WP 151	291	11	R128	BUOY	S
	291	2	R130	N43-13.0 W76-00.4 BUOY	S
GO TO WP 152	298	5	R134	N43-13.9 W76-05.0 BUOY	S
	294	2		I-81 Hwy Bridge	
<i>Oneida River</i>				SR11 Hwy Bridge	
Tie-up wall, port side, at Riverfront Park. Brewerton NY.		0		R/R Bridge	
Ess-Kay Yards port side Winter Harbor starboard side.		3	ropes	Lock 23 DOWN 7ft	
		7	(sign)	OSWEGO 24 Mi. BUFFALO 192Mi.	P
Leave Erie Canal. Turn right to Oswego. Erie canal continues to Buffalo with 15.5ft bridges			G1	SQUARE	P
Wooden Dock		2		Overnight Dock Phoenix, NY	S
Oswego canal locks monitor Channel 13. You are northbound.		0	ropes and cables	Lock 1 DOWN 10ft & Yellow Bridge 7ft	
Bridge Clearance on Oswego Canal 20ft. There is normally one foot extra.		3		Hinmansville Bridge Fixed 20 feet	
Continue Red ATONs to starboard. Canal curves to the right at buoy G67		1	cables	Locks 2 & 3 DOWN	
Channel 13. You are northbound.		6	ropes	Lock 5 DOWN 18ft	
		3	ropes and cables	Lock 6 DOWN 20ft	
			ropes and pipes	Lock 7 DOWN 14ft	
Tie-up wall after lock 7 before the bridge. If you prefer a marina continue to Oswego Marina.				Overnight Dock Oswego, NY	S
			ropes	Lock 8 DOWN 10ft	
<i>Oswego Harbour</i> Green ATONs to starboard				Oswego Lighthouse	P

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP 153 <i>Lake Ontario</i>	015	28	G3 Lighted Buoy	N43-53.0 W76-30.0 Galloo Island	S
GO TO WP 154	033	9	Red/white Buoy	East Charity Shoal Light	P
	033	7	G245	N44-06.0 W76-23.5 Lighted BUOY	S
GO TO WP 155 Ferry Crossing	059	3	R242	N44-08.0 W76-20.6 Lighted Buoy	P
GO TO WP 156	046	1	R240	Lighted Buoy	P
Take short cut between Carleton Island (port) and three Green Cans (stbd).	046	1	G5	N44-09.8 W76-19.0 CAN BUOY	S
GO TO WP 157	088	3		N44-10.4 W76-16.1 Carleton Island	P
GO TO WP 158	066	4	G231	N44-12.3 W76-12.5 SQUARE	S
GO TO WP 159	076	6	G227	N44-14.5 W76-06.4 SQUARE	S
Clayton, NY starboard side. Pass waterfront then turn right to marina. G225 Buoy pass either side	094	1		Clayton Harbor Municipal Marina Clayton, NY	S
St. Lawrence River - Green ATONs to starboard Monitor channel 13	054	1	R222	TRIANGLE	P
Rock Island Lighthouse starboard side.	074	5		Thousand Islands Bridge	
		4	R192	TRIANGLE	P
To visit Boldt Castle, dock behind island. Traffic flow is counterclockwise.				Boldt Castle	P
GO TO WP 160	054	1		N44-21.1 W75-54.7 Deer Island	S*
*Identify Deer island by Triangle daymark R186 on east side but head north past the west side of Deer Island					
GO TO WP 161 Zavikon Island has arch bridge with painted Canadian & American flags.	017	1		N44-22.0 W75-54.63 Zavikon Island	S
GO TO WP 162. CANADA	315	1		N44-22.5 W75-55.8 white column GREEN top	P
Canadian Channel Red ATONs to starboard.	266	3		Hwy Bridge	
Bear left after bridge			"18"	White column RED top	S

Notes	Course MAG	Miles	Aid To Navigation		
Speed Limit 10 mph		1	R"H18" Spar Buoy	White column RED top	S
GO TO WP 163	254	3	G"H23"	N44-19.6 W76-03.7 Spar Buoy	P
Pass between Green and Red Daymarks. <i>Gananoque Narrows</i>	270	1	R"J2"	Spar Buoy	S
Pass between Jackstraw Shoal Light and Green Buoy J5	284	1		Jackstraw Shoal Light White column red top.	S
Continue to Green Buoy J5/3	284	1	G"J5/3"	Lighted Buoy	P
Marina is at west edge of town, marked by a white column red top. Call on channel 68.	265	1		Municipal Marina Gananoque, ON	S
Pass between buoys J9 & J10 then J11 & J12		1		Spectacle Shoal Light White column red top.	S
	230	1		White column, GREEN top	P
Circle right round Red Spar Buoy "J16". Keep Red over Green Lighted Buoy "JVB" to port			R"J16"	Spar Buoy	S
	320	0		Cable Ferry	
<i>Bateau Channel</i>	320	1	G"J17"	Lighted Buoy	P
Curve left to 268mag. Another cable ferry crossing in six miles.		8		Cassidy Shoal Light White column green top	P
GO TO WP 164	250	4	G"H43"	N44-14.0 W76-25.0 Buoy	P
GO TO WP 165	264	3	R"KH2"	N44-13.2 W76-28.0 Lighted BUOY	S
Turn right into Kingston Harbour. Marina entrance is behind this daymark.	325			White column, GREEN top	P
Call marina on channel 68				Confederation Basin Kingston, ON	P

Erie Canal and Champlain Canal routes rejoin

Exit Kingston Harbour then GO TO WP 166	263	4	R"KN2"	N44-12.0 W76-34.0 Spar Buoy	S
GO TO WP 167	298	3		N44-12.7 W76-38.0 white column green top	P

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP 168. Power Station-two tall grey stacks.	260	9		N44-09.3 W76-48.0 Power Station	S
GO TO WP 169	249	11		N44-03.3 W76-58.7 White column RED top	S
GO TO WP 170	275	4	Youngs Point Ferry Docks	N44-02.7 W77-03.0	S
Ferry Crossing	290	3		ESROC Cement Plant	
Curve left parallel to shore. Anchor on west side of Picton Bay to left of a large abandoned dock.		1		Hallowell Mills Cove Anchorage	
Return to ESROC. Continue to Buoy "Q" *Buoy "Q", pass either side	045	2	"Q"	Red-White vertical stripe Lighted Buoy	*
<i>Bay of Quinte</i>	035	3		Sherman's Point white column red top	S
		5	G"Q13"	Spar Buoy	P
Follow three green buoys to the left around Forester's Island then head for bridge.				Hwy 49 Bridge	
Locate buoy Q22 close to left bank. Continue Red ATONs to starboard.		1	R"Q22"	Spar Buoy	S
Telegraph Narrows - follow buoyed channel to buoy Q42 .		2	R"Q42"	Buoy	S
<i>Big Bay</i>	275	2	G"Q43"	Spar Buoy	P
	270	1	R"Q46"	Buoy	S
GO TO WP 171	285	4	R"Q52"	N44-08.9 W77-18.0 Buoy	S
Meyers Pier Marina starboard side at buoy Q54 .		5		Bay Bridge	
Pass between Narrows Shoal Light (stbd) and Green Spar Buoys Q59 & Q61 (port).		6		Narrows Shoal Light White column red top.	S
			Q"63"	Spar Buoy	P
			QTB	Green over Red Spar BUOY	P
Pass between buoys Q67 & Q68 & follow buoyed channel to the right.			R"Q72"	Buoy	S
Channel 68				Trent Port Marina Trenton, Quinte West	P

Notes	Course MAG	Miles	Aid To Navigation		
<i>Trent Severn Waterway</i>			MILE 0	Hwy Bridge 25feet	
<i>Trent River</i> Red ATONs to starboard				Hwy Bridge 25feet	
Tie up at BLUE LINE on starboard side to wait for Locks. Lockmasters do not monitor radio. Trent Severn Locks have several plastic coated cables secured top & bottom. Loop your line around cables bow & stern			MILE 2	Locks 1-6 UP	
			MILE 8	Tie-up wall after Lock 6 Frankford, ON	S
		6	MILE 14	Lock 7 UP 11 feet Glen Ross	
At buoy T133 channel curves left to Daymark T141		8	G"T141"	SQUARE	P
		3	MILE 25	Locks 8, 9,10 UP	
Blue line on port side at Lock 11 Wait for Green light to enter		2	MILE 30	Locks 11/12 UP	
Tie-up wall Port side (More dockage starboard side)		1	MILE 31	Old Mill Park Campbellford, ON	P
		0		Hwy Bridge 23 feet	
Blue line on port side at Lock 13. Port side tie-up in Lock 13			MILE 32	Locks 13 & 14 UP	
Turn left 1/4 mile after buoy T269		2	G"T269"	Spar Buoy	P
Blue line on port side at Lock 15. Port side tie-up in Lock 15			MILE 36	Locks 15 & 16/17	
		7	MILE 43	Trent River Hwy Bridge 22ft	
Tie-up wall before Lock 18, Starboard side		8	MILE 51	Lock 18 UP 9 feet Hastings, ON	S
Marina after buoy T369 Call Marina on channel 68		0		Hastings Village Marina	P
		6	R"T414"	Spar Buoy	S
Locate Triangle Daymark T424 on Margaret Island	245	2	R"T424"	TRIANGLE	S
GO TO WP 172. Rice Lake Pass between Buoys T429 and T430	240	8	R"T430"	Buoy	S
	240	2	R"T432"	N44-09.0 W78-13.1 TRIANGLE	S
Leave Rice Lake. Turn right to pass between buoys T433 and T434	325	0	R"T434"	Buoy	S

Notes	Course MAG	Miles	Aid To Navigation		
Otonabee River. continue Red ATONs to starboard		8	MILE 76	Bensfort Bridge	
		4	MILE 80	Wallace Point Bridge	
		7	MILE 87	Peterboro By-pass	
		1	MILE 88	Lock 19 UP 8 feet Scotts Mills	
			MILE 89	R/R Bridge 9 feet Usually Open	
Turn left at green buoy for Marina. Keep Fountain to Port. Channel 68.				Peterborough Marina	P
Return to Trent Severn Waterway. Keep buoys CL2 and CL to port			CL	Green over Red buoy	P
Blue line on port side at Lock 20			MILE 89	Lock 20 UP 12 feet Ashburnham	
Tie-up wall for Visitor Center port side before the lift lock. In the lock, tie up loosely to allow for 1ft rise in water level.			MILE 90	Peterborough Lift Lock Lock 21	
Lockmaster will notify bridge tender		1	MILE 91	Warsaw Rd Bridge 5ft	
21 Locks done - 21 more to go!		3	MILE 94	Locks 22-26 UP	
Tie-up at wall before Lock 27, port side		6	MILE 104	Young's Point	P
			MILE 104	Lock 27 UP 7 feet Young's Point	
<i>Clear Lake</i>			R"C166"	Spar Buoy	S
GO TO WP 173	049	3	G"C169"	N44-31.5 W78-11.0 BUOY	P
	043	1	R"C174"	Spar Buoy	S
Pass between buoy C177 & daymark C178		1	R"C178"	TRIANGLE	S
Narrow Channel - Hell's Gate. Follow buoyed channel to daymark "C198"			R"C198"	TRIANGLE	S
Bear left			CS	Red over Green buoy	S
			G"C201"	SQUARE	P

Notes	Course MAG	Miles	Aid To Navigation		
			R"C212"	TRIANGLE	S
Waterfall on port side.		1	G"C219"	BUOY	P
Turn Left.			MILE 113	Lock 28 UP 24 feet Burleigh Falls	
Nice, quiet tie-up wall at Lovesick Lock, port side. Blue line on port side also.		2	MILE 115	Lock 30 UP 4 feet Lovesick	
		1	R"C258"	Spar Buoy	S
	315	1	G"C263"	SQUARE	P
Bear left between shore (port) and red buoys (stbd). Pass between buoys C271 & C272		2	G"C273"	BUOY	P
	279	1	R"C278"	TRIANGLE	S
Halfway point on Trent Severn Waterway		1	MILE 121	Lock 31 UP 11 feet Buckhorn	
Tie-up wall after Lock 31, starboard side. More dockage port side before and after the lock				Buckhorn, ON	S
(Chart 2024)			R"C294"	Spar Buoy	S
Locate buoy C299 1.5 miles ahead. Lake curves to the right		2	G"C299"	BUOY	P
		1	R"C310"	Spar Buoy	S
<i>Buckhorn Lake</i>	210	2	R"C312"	Spar Buoy	S
Locate buoy C314 at Triangle Daymark ahead	220	1	R"C314" Spar Buoy	TRIANGLE	S
Pass between Red/green buoy "CH" (port) & buoy C318 (stbd). Continue to C320			R"C320"	TRIANGLE	S
		2	G"C327"	SQUARE	P
Bridge Clearance Trent Severn Waterway 21.5 feet		1	MILE 130	Gannon Narrows Bridge 21.5 feet	
bear left		1	R"C336"	Spar Buoy	S
Turn right into Pigeon Lake then GO TO WP 174	349	5		N44-32.5 W78-31.4 TRIANGLE	S

Notes	Course MAG	Miles	Aid To Navigation		
Turn left into <i>Big Bob Channel</i> . Continue Red ATONs to starboard			G"C345"	BUOY	P
			MILE 138	Hwy Bridge 22 feet	
Call on Ch 68				Gordon Yacht Harbour Bobcaygeon, ON	S
Tie-up at wall (starboard side) before bridge. More docks before blueline portside, More docks after Lock 32				Bobcaygeon, ON	
Tie up to blue line on port side to wait for Main Street bridge. No radio.				Main Street Bridge 11ft	
				Lock 32 UP 6 feet Bobcaygeon	
(Chart 2025)		2	R"C386"	Spar Buoy	S
Circle to the left.			R"C388"	TRIANGLE	S
<i>Sturgeon Lake</i>			R"C394"	Spar Buoy	S
GO TO WP175.	250	5	R"C396"	N44-28.0 W78-41.8 Spar Buoy	S
Circle to the right, parallel to the shore.	012	4	R"N10"	Spar Buoy	S
		2	MILE 154	Lock 34 UP 24 feet Fenelon Falls	
Tie-up wall after lock 34, starboard side.		0		Overnight Dock Fenelon Falls	
		1	R"N28"	BUOY	S
<i>Cameron Lake</i> Locate green Square and red buoy on opposite shore.	345	1	R"N34"	BUOY	S
		1	MILE 157	Lock 35 UP 4 feet Rosedale	
Highest point of Great Loop, 850 feet		1	MILE 158	Rosedale Bridge 22 feet	
<i>Balsam Lake</i>			NC	Red over Green BUOY	S
Bear left to pass between buoys N55 & N54 . Continue to N58 .			R"N58"	BUOY	S
Circle round Grand Island to west side then locate buoys N65 & N67 on port side		2	G"N67"	BUOY	P

Notes	Course MAG	Miles	Aid To Navigation		
Leaving Balsam Lake - enter Trent Canal. Issue securite on Channel 16. You are westbound	300	2	R"N72"	TRIANGLE	S
Tie to horizontal rail allowing for 1ft drop in water level. Tie-up wall after the lock, starboard side		6	MILE 169	Kirkfield Lift Lock Lock 36	
Talbot River Green ATONs to starboard.		4	MILE 173	Canal Lake High Arch Bridge Height 28ft	
		2	R"S368"	TRIANGLE	P
No radio, blow horn if necessary Speed limit 6 mph to Lake Simcoe			MILE 175	Bolsover Rd Bridge 5ft REQUEST OPEN	
Sunset Cove Marina portside 705 426 5221 Sunsetcovemarina.com		1	MILE 176	Boundary Rd Bridge 5ft REQUEST OPEN	
Wait at Lock 40 for weather on Lake Simcoe. Less traffic noise than Lock 41.				Locks 37-41 DOWN	
No radio, blow horn if necessary		1	MILE 182	Lakeshore Rd Bridge 10ft REQUEST OPEN	
Lake Simcoe			G"S327"	BUOY	S
GO TO WP176.	273	1		N44-28.0 W79-12.0	
GO TO WP177	315	9	G"S323"	N44-32.3 W79-21.2 Buoy	S
GO TO WP178	353	3	ST	N44-35.0 W79-22.5 Red/white Buoy	P
Pass between red and green buoys before bridge. Blue Beacon Marina starboard side (fuel stop)	027	1		Hwy Bridge 22ft	
Lake Couchiching		1	G"S303" BUOY	Nadie Island SQUARE	S
Turn left on alternate route, Red ATONs to starboard. Pass between buoys SC15 & SC12			R"SC12"	Buoy	S
	270		G"SC13"	BUOY	P
Enter marina between green and red daymarks	270	2		Port of Orillia Marina Orillia, ON	
Continue on alternate route, but Green ATONs to starboard. Locate two green buoys then red SC2.	024	2	R"SC2"	Buoy	P
GO TO WP179	037	3	SC	Red over Green Lighted Buoy	S
	037	1	R"S292"	N44-42.0 W79-21.7 Spar Buoy	P

Notes	Course MAG	Miles	Aid To Navigation		
No radio, blow horn if necessary		4	MILE 209	R/R Bridge 13 feet Frequent trains	
Blue line on port side at Lock 42		1	MILE 210	Lock 42 DOWN 21 ft Couchiching	
No radio, blow horn if necessary		3	MILE 213	Hamlet Rd Bridge 8ft REQUEST OPEN	
		1	G"S237"	BUOY	S
Sparrow Lake - Locate SQUARE daymark one mile ahead at 010MAG	010	1	R"S230"	Spar Buoy	P
		4	R"S192"	TRIANGLE	P
At the bridge are hazards to starboard and rocks awash to port.		3	MILE 222	R/R Bridge 34 feet	
		1	G"S163"	SQUARE	S
Tie-up at wall before lock 43, starboard side.		0		Swift Rapids	S
Cables and floating bollards. Loop your line around a cable & a bollard but do not cleat.		0	MILE 224	Lock 43 DOWN 47ft Swift Rapids	
In 1/4 mile watch for a Square daymark marking a sharp left turn into a narrow passage.		4	MILE 228	R/R Bridge 34 feet	
		3	G"S113"	SQUARE	S
Locate TRIANGLE ahead and bear left. Copp Bay on starboard side.			R"S110"	TRIANGLE	P
			G"S105"	SQUARE	S
Wait at Blue line on port side. Fenders not required on rail-car.			MILE 232	Big Chute Marine Railway	
		1	R"S80"	Buoy	P
Identify Wigwam Island by <u>S77 SQUARE</u>			G"S77"	SQUARE	P*
*Go round west side of Wigwam Island, then continue south to daymark S70	180	1	R"S70"	TRIANGLE	P
Resume Green ATONs to starboard Bear right at Square "S65" to Triangle "S56"		5	G"S11"	SQUARE	S
Waterway turns sharp left to Square "S7". Markers on starboard side mark a side channel.			MILE 240	Lock 45 DOWN 14 ft Port Severn	

Notes	Course MAG	Miles	Aid To Navigation		
Bear right - Red ATONs to starboard. Follow buoyed channel to buoy C19			G"C19"	BUOY	P
			C	Green over Red Buoy	S
Bear left to pass between buoys MP4 & MP5 .	174		G"MP5"	Buoy	S
Waubashene Channel Green ATONs to starboard	174	1	G"MP3" Buoy	Red/White Rectangle on steel tower	S
Curve to the right between buoys MC22 & MC21 . Follow buoyed channel.			G"MC21"	BUOY	S
Watch for sharp left turn after a steel tower. Continue buoyed channel to buoy MC3 .		1	G"MC3"	BUOY	S
GO TO WP180	303	2	R"MC2"	N44-46.9 W79-47.3 BUOY	P
GO TO WP181	264	5	R"M20"	N44-45.7 W79-53.0 BUOY	S
Curve left into Harbour. Marina is to the left of a giant mural.		1		Midland Harbour, Midland ON	P
Return to Buoy R"M20" Green ATONs to starboard			R"M20"	BUOY	P
Curve left parallel to shore. Locate Buoy G"M15"		3	G"M15"	Spar BUOY	S
GO TO WP182 Spar Buoy M14 , pass either side	343	5		N44-52.5 W79-55.0	

Junction with Georgian Bay Outside Route.

(The Georgian Bay Outside Route is not covered in Navigation Notes)

Great Loop continues straight ahead via Cognashene By-pass.

GO TO WP183	348		G"MG1"	BUOY	P
Red ATONs to starboard	348	1	G"MG5"	N44-54.2 W79-56.0 BUOY	P
Continue 1/4 mile to Buoy R"MG4" before going to next waypoint	327	0	R"MG4"	BUOY	S
GO TO WP184. (MA6 on port side marks a side channel.)	005	1	G"MG7"	N44-55.4 W79-56.3 BUOY	P
Pass between buoys MG9 & MG8 . Continue to MG11 .	341	1	G"MG11"	BUOY	P
Pass between buoys MG13 & MG10	010	1	G"C113"	BUOY	P

Notes	Course MAG	Miles	Aid To Navigation		
Pass between buoys C113 & CMG .			CMG	North Cardinal BUOY	S
Make a wide curve to the left. Pass between buoys C115 & C114 before Red Rock Light	350	1	MILE 22	Red Rock Light white column red top	S
<i>Small Craft Route</i> continue Red ATONs to starboard.			R"C116"	BUOY	S
Curve left round Buoy G"C117" port side		2	R"C126" BUOY	Delf Island TRIANGLE	S
Begin Range.	355		G"C127"	BUOY	P
Bear left at C127 then pass buoy C128 before Spray Rock.			R"C128" BUOY	Spray Rock TRIANGLE	S
Curve right at another TRIANGLE daymark ahead and pass between buoys C131 & C132		1	R"C132"	BUOY	S
Begin Range	013			Wood Island SQUARE	P
Turn left to Wood Island Square daymark. Continue to buoy C140		3	R"C140"	Buoy	S
Sharp turn right	336	1	G"C143"	BUOY	P
Keep buoy C144 to starboard before heading to O'Donnell Point Light			MILE 34	red and white column TRIANGLE in centre	S
Turn right at buoy " C150 " to pass between C153 & C152/C154 . Continue to C158			R"C158"	BUOY	S
Turn right to TRIANGLE Daymark ahead - narrow passage. Continue to buoy C175 .		2	G"C175"	BUOY	P
GO TO WP185	000	2	MILE 40	N45-10.0 W80-07.7 red/white/red RECTANGLE	P
Channel 68			MILE 40	Henry's Fish Restaurant	P
Note: The Small Craft Route by-passes Parry Sound. This is the Parry Sound Route		1	G"C183" Spar Buoy	Ajax Rock SQUARE	P
		1	Gauge Island	Black Square Daymark	P
Bear left to 320MAG at Gauge Island then turn right 025MAG at Turning Island	320	1	Turning Island	red/white/red RECTANGLE	S
Keep Red/Green buoy "CP" to port then locate Rectangle in shade on west end of Beauty Island.	025	1	Beauty Island	red/white/red RECTANGLE	S
Keep Green /Red buoy " CN " to port	060		G"C193" BUOY	SQUARE	P
<i>South Channel</i>		3	R"C206"	BUOY	S

Notes	Course MAG	Miles	Aid To Navigation		
Narrow Channel - <i>Seven Mile Narrows</i> . Monitor Channel 16			R"C212"	BUOY	S
	050	1	Milton Island	red/white/red RECTANGLE	S
		3	G"C217"	BUOY	P
<i>Three Mile Gap</i> <i>Two Mile Narrows</i>			R"C224"	BUOY	S
Parry Island Swing Bridge 705 746 9620.			MILE 54	Hwy Bridge 18 feet Opens Hourly	
				red/white/red RECTANGLE	S
	025			Big Sound Marina Parry Sound, ON	P
The exit from Parry Sound Harbour is alongside Big Sound Marina.			Salt Point	red/white/red RECTANGLE	P
<i>Parry Sound</i> Green ATONs to starboard.	302	2	MILE 3	Three Mile Point Light white column red bands	P
GO TO WP 186	263	4	Killbear Point	N45-19.9 W80-10.1 white column red top	S
Continue one mile to Sisters Islands before going to next waypoint.	290	1	Sisters Islands	red/white/red RECTANGLE	P
GO TO WP 187	285	2	R"P30"	N45-20.2 W80-14.0 Lightd BUOY	P
GO TO WP 188	259	1	G"P27" Lightd Buoy	N45-19.8 W80-15.5 Abandoned Lighthouse	S
GO TO WP 189 Red ATONs to starboard.	311	2	R"PJ4"	N45-20.8 W80-18.0 BUOY	S
Begin Range. Pass between PJ5 & PJ6 . Continue to PJ8	350		R"PJ8"	BUOY	S
Begin Range.	012		G"A19" BUOY	SQUARE	P
Rejoin Small Craft Route Continue Red ATONs to starboard.		1	MILE 16	Snug Harbour Lighthouse	S
Locate buoys A25 & A26 ahead. Buoys AC1 & AC2 starboard side mark a side channel		1	R"A26"	BUOY	S
Left turn at SQUARE Daymark ahead	010		G"A31"	BUOY	P
Bear left to pass between buoys "A31/1" & "A32"	345		R"A32"	BUOY	S

Notes	Course MAG	Miles	Aid To Navigation		
Narrow Channel - Shebeshekong Channel		2	Galna Point	red/white/red RECTANGLE	P
Curve left to SQUARE daymark then locate buoy A37 1/2 mile ahead.			G"A37"	BUOY	P
			R"A40"	BUOY	S
	280		R"A42"	BUOY	S
GO TO WP 190	294	1	Oak Island	N45-25.73W80-23.5 SQUARE	P
GO TO WP 191	342	2	R"A46"	N45-27.2 W80-24.6 BUOY	S
GO TO WP 192	010	3	R"A48"	N45-29.7 W80-24.6 BUOY	S
Head towards RED daymark	021	1	Lloyd Island	TRIANGLE	S
Circle left round Chowne Island to 295MAG to anchorage. Return to channel.				Nadeau Island Anchorage	P
Head towards three more RED daymarks as route curves left. Continue to buoy A49		2	G"A49"	BUOY	P
Locate buoy A51 ahead			G"A51"	BUOY	P
Stone cross to starboard. Sharp turn right.			G"A53"	BUOY	P
Pass between buoys A55/3 & A56 1/4mile before lighthouse.		3	MILE 36	Pointe au Baril Lighthouse	S
Leave Small Craft Route. Take OUTSIDE ROUTE to Byng Inlet.	295	1	A	Red over Green Buoy	S
Small Craft Route continues with sharp bends, mostly exposed to Georgian Bay					
Georgian Bay	295	1	AA2	BUOY	P
GO TO WP 193	327	11	R"AM2"	N45-41.0 W80-42.5 Nun Buoy	S
GO TO WP 194	352	4	R"H2"	N45-44.1 W80-44.0 Buoy	S
GO TO WP 195 Byng Inlet - Red lighted range. (Buoys H11 & H13 pass either side.)	084	4	G"H19"	N45-45.0 W80-39.4 Lighted Buoy	P
Begin Green lighted Range	061	1	G"H23"	Buoy	P
Channel 68		3		Wright's Marina Ltd., Britt, ON	P

Notes	Course MAG	Miles	Aid To Navigation
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Here is a choice of routes:-

1. Continue Small Craft Route to Bustard Islands Anchorage
2. Georgian Bay Outside Route to Bad River Anchorage or Beaverstone Bay

1. Continue Small Craft Route					
Return to Buoy H23		3	G"H23"	Buoy	S
Turn right before Buoy A149	241		G"A149"	Buoy	P
Small Craft Route Red ATONs to starboard.			G"A151"	Buoy	P
Pass two SQUARE Daymarks then turn left			R"D4"	Buoy	S
	288		R"D8"	Buoy	S
Bear right towards SQUARE Daymark then pass between buoys D9 & D10	323		R"D10"	Buoy	S
Narrow channel - Cunningham's Channel. Follow buoys carefully to buoy D37.		4	R"D37"	Buoy	P
Turn left. Narrow channel - Roger's Gut. Follow buoys carefully to buoy D50		2	R"D50"	Buoy	S
Begin Range	352		G"D51"	Buoy	P
Pass between buoys D52 (Strbd) & D53 (Port). Continue to D54		1	R"D54"	Buoy	S
Curve left to pass between buoys D55 & D56		1	MILE 17	SQUARE	P
		2	G"D57"	Buoy	P
Begin Back Range	240		G"D59"	Buoy	P
			R"D62"	Buoy	S
Follow Red buoys starboard side all the way to the Bustard Islands	292	2	R"D70"	Buoy	S
Enter between Northeast Island and Northeast Point. Anchor between Tie Island and Strawberry Island. Return to Buoy D70		0	MILE 22	Bustard Islands Anchorage	P
Pass between Bustard Islands (port) and red buoys (stbd)		3	R"D80"	Buoy	S
GO TO WP 197	264	4	R"D80/2"	N45-53.4 W81-01.0 Buoy	S
GO TO WP 198	282	7	R"D82"	N45-53.5 W81-09.0 BUOY	S

Notes	Course MAG	Miles	Aid To Navigation
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2. Georgian Bay Outside Route

From Wright's Marina, return to Buoy H23 Begin Green back range 241 MAG		4	G"H19"	Buoy	S
Continue to Buoy H13 *	264	1	G"H13"	Buoy	P
From buoy H13 GO TO WP196	313	18	DJ	N45-53.0 W80-59.5 Red-white buoy	P
Head 010mag , to buoy DH2 Red ATONs to starboard.	010	1	R"DH2"	Buoy	S
Begin Range at 028mag . Leave Range before buoy DH5	028		G"DH5"	Buoy	P
			G"DH7"	Buoy	P
Bear left after buoy DH7 . Continue to DH9 .				Bad River Anchorage	
Return to buoy DH5 .			G"DH5"	Buoy	S
Return to buoy DH2	208		R"DH2"	Buoy	P
GO TO WP197	240	2	R"D80/2"	N45-53.4 W81-01.0 Buoy	S
GO TO WP198	282	7	R"D82"	N45-53.5 W81-09.0 BUOY	S

* Cruisers wishing to bypass Bad River Anchorage may proceed to WP198 from buoy **H13**

From buoy H13 GO TO WP198	305	24	R"D82"	N45-53.5 W81-09.0 BUOY	S
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Small Craft Route and Outside Routes rejoin

From buoy D82 GO TO WP199	304	2	R"D84"	Buoy	S
	304	2	R"D86"	N45-55.0 W81-13.9 Buoy	S
GO TO WP 200	010	1	R"D88"	N45-56.1 W81-13.9 Buoy	S
Pass between buoys D91 & D90 . Continue to D92	060		R"D92"	Buoy	S
<i>Beaverstone Bay</i>			R"D92/2"	Buoy	S

Notes	Course MAG	Miles	Aid To Navigation		
Head 075mag to TRIANGLE ahead, then follow four SQUARE daymarks to D96		3	R"D96"	Buoy	S
<i>Collins Inlet</i>		14	G"D111"	Buoy	P
			MILE 60	Flat Rock Light White column RED top	S
GO TO WP 201	259	3	MILE 63	N45-58.0 W81-29.0 Red Rock Pt Light	S
<i>Killarney Channel</i> Red ATONs to starboard			G"E1"	Buoy	P
Channel 68		1	MILE 65	Killarney Mountain Lodge Marina	S
Continue <i>Killarney Channel</i> then curve left to 226MAG . Locate buoy E11		1	G"E11"	Buoy	P
GO TO WP 202	226	4		N45-55.6 W81-35.7 Badgeley Island	S
GO TO WP 203	265	3	R"J16"	N45-55.0 W81-39.0 Lighted Buoy	S
GO TO WP 204	286	3	R"EE2"	N45-55.3 W81-42.6 Buoy	S
GO TO WP 205	355	1	G"EE3"	N45-56.3 W81-43.0 Buoy	P

Cruisers wishing to bypass Baie Fine may proceed directly to Waypoint 208					
WP 208	299	6		N45-58.2 W81-50.0 Strawberry I. Light	P

Baie Fine Route					
GO TO WP 206	020	10		N46-00.3 W81-41.8 McGregor Point	P
Turn right to <i>Baie Fine</i> Red ATONs to starboard		1	R"EH2"	Buoy	S
Keep first large island to port, then head NE for 3/4 mile. Turn south to cove between an island with cottage (port), and a 'cables' sign (stbd).		1		Mary Ann Cove Anchorage	
Return to McGregor Point Green ATONs to starboard				N46-00.3 W81-41.8 McGregor Point	
GO TO WP 207	221	4	R"E28"	N45-57.3 W81-44.4 Buoy	S
GO TO WP 208	295	5		N45-58.2 W81-50.0 Strawberry I. Light	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
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Baie Fine Route rejoins

Take short cut - Head for buoy J31 .	284	3	G"J31"	Lighted Buoy	P
<i>Little Current</i> Red ATONs to starboard			R"J32"	Buoy	S
Swift wind generated currents at bridge. Channel 14.				Swing Bridge 18 feet OPENS HOURLY	
Slips or town wall. Wally's fuel dock				Town Docks, Little Current, ON.	P
<i>North Channel</i>		1	R"J60"	Buoy	S
GO TO WP 209	305	1	R"U2"	N46-00.0 W81-58.5 BUOY	S
GO TO WP 210 <i>Wabuno Channel</i>	009	3		N46-02.9 W81-58.5 Schreiber Island	P
GO TO WP 211 Submerged rocks near Bourinot Island port side.	293	7		N46-04.4 W82-07.5 Bourinot Island	P
GO TO WP 212	276	5		N46-04.2 W82-13.3 Secretary Island	S

Here is a choice of routes:

1. Benjamin Islands Anchorage
2. Continue Great Loop
3. Gore Bay/Meldrum Bay Route.
(This route is not covered in Navigation Notes)

1. Benjamin Islands Anchorage					
GO TO WP 213. There are rocks near Secretary Island (stbd) and Sow & Pigs Rocks to port.	323	2		N46-05.2 W82-14.8	
Anchor off the NE shore of South Benjamin Island				South Benjamin Island Anchorage	
Return to Waypoint 213 then GO BACK TO WAYPOINT 212	143	2		N46-04.2 W82-13.3 Secretary Island	

Continue Great Loop

Notes	Course MAG	Miles	Aid To Navigation		
2. Continue Great Loop					
GO TO WP 214	250	1		N46-03.7 W82-14.6 Tower - white slats	P
GO TO WP 215	324	2		N46-05.0 W82-16.5 Hook Island	P
GO TO WP 216	035	2		N46-06.7 W82-15.3 O'Conner Island	S
Pass between Island (stbd) and 2-foot high rock (port) then bear left towards daymark.	350	1	G"U13" Buoy	SQUARE Daymark	P
Head 290mag to a range 3 miles ahead. Issue securite on Channel 16. You are westbound.	296	5		Little Detroit narrow channel	

Cruisers wishing to bypass Spanish turn left (west)					
<u>By-pass Route</u>	270	2	Shanly Island	TRIANGLE	S
Turn right between Shanly Island and Passage Island, then turn left.			Passage Island	SQUARE	P
GO TO WP 218	280	7	Berrypicker Rock	N46-09.3 W82-34.0 TRIANGLE	S

<u>Spanish Route</u>					
From Little Detroit	010	1	Sproule Islands	SQUARE	P
Turn left			Whiteaves Island	TRIANGLE	S
Turn right and pass between buoys G'UV1' and R'UV2'				Municipal Marina Spanish, ON	P
Return to buoy R'UV2' then GO TO WP 217	264	3	Brewerton Island	N46-10.1 W82-26.3	S
GO TO WP 218	270	6	Berrypicker Rock	N46-09.3 W82-34.0 TRIANGLE	S

<u>Routes rejoin</u>					
Whalesback Channel Red ATONs to starboard.	273	2	Nelles Island	TRIANGLE	S
	277	1	R"U24"	BUOY	S
	277	1	Turtle Rock	TRIANGLE	S

Notes	Course MAG	Miles	Aid To Navigation		
To visit Beardrop Harbour, circle to the right round Turtle Rock to 54MAG, (Northeast).				Beardrop Harbour Anchorage	S
GO TO WP 219	272	1	R"U30"	BUOY	S
	272	1	R"U32"	N46-08.9 W82-41.5 BUOY	S
GO TO WP 220	296	3	McCallum Island	N46-09.7 W82-45.5 SQUARE	S
GO TO WP 221 Pass between submerged rocks at this waypoint: Isaac Rock, port, Pandora Rock strbd	272	4	Gibson Island	N46-09.3 W82-51.0	S
GO TO WP 222	282	5	R"UP2"	N46-09.4 W82-56.5 Buoy	S
	320	1		White daymark	P
Pass between buoys UP3 & UP4 then buoys UX1 & UN (A third green buoy on starboard side marks a side channel)			UN	Green over Red Buoy	S
<i>Most Northern Point of Great Loop</i>				Blind River Marine Park	
Return to BUOY UP3 then GO TO WP 223	236	2	G"UP1"	N46-09.0 W83-00.0 BUOY	S
GO TO WP 224	273	16		N46-07.5 W83-20.0 West Grant Island	S
GO TO WP 225. U.S.A.	275	19		N46-06.4 W83-43.7 Potagannissing Bay	P
Turn left to Buoy R22 before going to next waypoint Green ATONs to starboard	207	2	R22	Nun Buoy	P
GO TO WP 226.	183	4	G11	N46-02.2 W83-43.8 Can Buoy	S
Circle round Quarry Island. Go past buoy R8 (.5 mile west of Quarry Is.) before heading to marina.	270		R8	Nun Buoy	P
Channel 16 for Marina				Drummond Island Yacht Haven	P
From marina, head NW to pass between buoys G7 & R6 , then sharp left turn to G5 .			G5	Can Buoy	S
GO TO WP 227	270	1	G3	N46-01.85W83-47.5 Can Buoy	S
GO TO WP 228	283	1	G1	N46-01.95W83-49.3 Can Buoy	S
	268	2	R2	Nun Buoy	P

Notes	Course MAG	Miles	Aid To Navigation		
Channel 16	225	2		DeTour Harbor Marina	S
Ferry Crossing		3		DeTour Reef Light	S
GO TO WP 229 Lake Huron	260	11		N45-54.0 W84-08.0 Martin Reef Lighthouse	S
GO TO WP 230	268	23		N45-50.7 W84-36.4 Mackinac Island	S
Channel 9				State Dock Mackinac Island	S
GO TO WP 231	256	5	R2	N45-49.0 W84-42.5 Gong Buoy	S
GO TO WP 232	272	1		Mackinac Suspension Bridge	
Lake Michigan Monitor Channel 9	272	17		N45-47.6 W85-05.5 Abandoned Lighthouse	P
GO TO WP 233 *This route is outside big ship channel. Grays Reef Light is 1 mile to starboard	230	3	G7	N45-45.6 W85-08.2 Lighted Buoy	S*
GO TO WP 234	272	17	R2	N45-44.2 W85-29.7 NUN BUOY	S
Continue to R6 Channel 16				Municipal Marina Beaver Island	
			G1	CAN BUOY	S
	145	1	G1	Lighted Bell BUOY	S
GO TO WP 235	166	30		N45-19.3 W85-16.1 South Pierhead Light	S
				Pine River Bridge 16ft Opens half hourly	
Turn right. Channel 9 for Marina.				Municipal Marina Charlevoix ,MI	S
Return to pierhead	297	2	R2	Lighted Bell BUOY	P
GO TO WP 236	246	18		N45-12.0 W85-38.0 Cathead Point	P
GO TO WP 237	218	13		N45-03.0 W85-46.0	
Enter from south, call on channel 9	185	2	G1 SQUARE	Leland Township Harbor	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
GO TO WP 238	265	8	G5	N45-00.2 W85-55.5 Lighted BUOY	P
GO TO WP 239	234	10		N44-54.5 W86-04.3 Sleeping Bear Point	P
GO TO WP 240	218	17		N44-42.0 W86-16.0 Point Betsie Light	P
GO TO WP 241	185	5		N44-38.0 W86-16.0 North Breakwater Light	P
Channel 9		2		Municipal Marina Frankfort MI	P
Return to pierhead and GO TO WP 242	202	42		N44-03.5 W86-32.0 Big Sable Light	P
GO TO WP 243	172	7		Ludington, MI	P
	172	13		N43-47.0 W86-27.0 Pierhead	
		1		Snug Harbor Marina Pentwater, MI	P
Return to pierhead then GO TO WP 244	228	8		N43-41.0 W86-33.0 Little Sable Light	P
GO TO WP 245	200	6		N43-36.0 W86-34.0	
GO TO WP 246	170	17		White Lake Whitehall, MI	P
	170	11		Muskegon, MI	P
	170	12		N43-03.5 W86-17.0 Pierhead	P
		3		Municipal Marina Grand Haven, MI	S
Return to pierhead and GO TO WP 247	186	26		Saugatuck, MI	P
	186	19		N42-24.1 W86-17.5 Red Lighthouse	S
				Municipal Marina #2 South Haven, MI	S
Return to Red Lighthouse then GO TO WP 248	214	22		St. Joseph, MI	P
	214	26	G1	N41-48.2 W86-45.4 SQUARE	P
Enter harbor then Municipal Marina is straight ahead. Channel 9.				Municipal Marina New Buffalo, MI	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>
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There is a choice of routes from New Buffalo:

1. New Buffalo to Chicago
2. New Buffalo to Hammond

1. New Buffalo to Chicago					
GO TO WP 250 Central Time Zone	278	44		N41-51.0 W87-36.4 Burnham Harbor	
Exit marina and head north to Chicago Harbor Lock	005	3		Square Tower white over green	P
Great Loop continues on page 1.					

2. New Buffalo to Hammond					
GO TO WP 249 Central Time Zone	262	31	R2	Lighted Gong Buoy	S
White buoys mark submerged breakwater.	262	8	Aa	N41-41.7 W87-30.0 White BUOY	S
Enter marina between Green and Red daymarks then turn left				The Hammond Marina	

There is a choice of routes from Hammond:-

1. Chicago and Chicago River Route
2. Calumet River Route.



Notes	Course MAG	Miles	Aid To Navigation		
1. Chicago and Chicago River Route					
Exit Hammond Marina. Head north to pass between white buoys,(port) and island with 26ft steel tower (stbrd).				Island with steel tower	S
Head for Calumet Harbor side exit marked by two white columns	355	3		white column green band	S
GO TO WP 250	329	2	R8	Nun Buoy	P
	329	4	R2	Nun Buoy	P
	329	3		N41-51.0 W87-36.4 Burnham Harbor	
Exit marina and head north to Chicago Harbor Lock	005	3		Square Tower white over green	P
Great Loop continues on page 1.					

<u>2. Calumet River Route</u>					
Exit Hammond Marina. Head north to pass between white buoys,(port) and island with 26ft steel tower (stbrd).				Island with steel tower	S
Follow green buoys starboard side to river entrance. This route is outside big ship channel	341	3		SQUARE	P
Calumet River	290			SQUARE	P
Monitor Channel 16				R/R Bridge 7 feet Usually Open	
Call bridge tender on Channel 16 if necessary to open 92nd, 100th or 106th Street Bridges.			MILE 332.6	92nd Street Bridge 19.1 feet*	
* Height of bridge closed and lake level 577.5 feet			MILE 331.6	100th Street Bridge 18.5 feet*	
			MILE 330.8	106th Street Bridge 19.4 feet*	
Channel 16		5	MILE 326	O'Brien Lock DOWN 1ft	
Transient slips available		2	MILE 324	Marine Services Co. Dolton, IL	P
Cal Sag Channel		20	MILE 304	Junction with Chicago Ship Canal	S
Great Loop continues on page 1.					

Great Loop Waypoints

Waypoints are intended for use by an autopilot

These are the coordinates of the Waypoint, not the ATON.

The nearest ATON is given for convenience

and may be a mile or more away from the Waypoint.

Navigate to the Waypoint before turning to the next course.

Number	ATON	Latitude/Longitude
1		N36-56.3 W88-11.6
2	G33.4	N36-53.0 W88-09.8
3	-	N36-48.7 W88-08.0
4	R215.3	N35-00.0 W88-12.25
5	G73	N30-37.1 W88-01.98
6	R2	N30-32.8 W88-01.5
7	-	N30-26.2 W88-00.77
8	G127	N30-17.1 W87-51.0
9	R18	N30-19.92 W87-16.7
10	R142	N30-20.4 W87-10.2
11	R130	N30-22.4 W87-02.0
12	G125	N30-23.0 W86-59.2
13		N30-23.55 W86-54.0
14	G59	N30-25.9 W86-29.5
15	G57	N30-26.0 W86-26.0
16	G47	N30-26.4 W86-14.3
17	G45	N30-25.0 W86-12.0
18	G1	N30-15.6 W85-46.3
19	G7	N30-13.6 W85-44.0
20	G5	N30-12.7 W85-43.9
21	G9	N30-09.9 W85-42.8
22	R2	N30-08.9 W85-40.0
23	G45	N30-06.3 W85-35.2
24	G43	N30-06.3 W85-33.3
25	R40	N30-05.3 W85-32.0
26	G1	N29-46.73 W85-06.7
27	R2	N29-46.4 W84-42.4
28	G13	N29-47.7 W84-40.3
29	R12	N29-47.1 W84-40.7
30	R4	N28-55.55 W82-58.1
31		N29-39.2 W83-38.0
32	G1	N29-39.2 W83-28.0
33		N29-28.6 W83-28.6
34	R2	N28-56.5 W83-11.0

Number	ATON	Latitude/Longitude
35		N28-54.0 W82-52.0
36	G1	N28-54.7 W82-45.0
37		N28-48.0 W82-56.0
38	R10	N28-26.0 W82-56.0
39	R4	N28-14.8 W82-49.9
40	R6	N28-12.6 W82-49.1
41	G1	N28-10.4 W82-49.6
42	R8	N28-09.6 W82-50.05
43	G23	N28-04.0 W82-48.1
44	G1	N27-41.8 W82-36.6
45	G3	N27-46.1 W82-36.75
46	G"3B"	N27-39.3 W82-36.5
47	G"1B"	N27-38.1 W82-37.5
48	R26	N27-36.75 W82-40.3
49	R70	N27-34.5 W82-41.4
50	G67	N27-32.4 W82-42.0
51	G13	N27-20.8 W82-33.7
52	R8	N26-46.54 W82-14.64
53	G1	N26-44.6 W82-14.9
54	R76	N26-42.5 W82-14.6
55	R74	N26-42.0 W82-14.4
56	G45A	N26-35.6 W82-11.7
57	R32	N26-31.4 W82-09.1
58	R26	N26-29.8 W82-09.0
59	G23	N26-29.25 W82-07.4
60	R20	N26-28.5 W82-06.5
61	R16	N26-28.35 W82-05.7
62	G11A	N26-29.08 W82-04.5
63	G11	N26-29.2 W82-03.7
64	G101	N26-30.65 W82-01.05
65	G1	N26-48.1 W80-50.63
66	R14	N26-47.9 W80-47.5
67	G7	N26-49.5 W80-47.4
68	G5	N26-58.9 W80-37.85
69	G3	N27-12.7 W80-13.5
70	R40	N30-54.9 W81-28.0
71	G35	N30-57.2 W81-26.0
72	G33	N30-58.7 W81-25.3
73	R32	N30-59.3 W81-24.2
74	R30	N31-00.0 W81-25.1

Number	ATON	Latitude/Longitude
75	G29	N31-00.5 W81-26.0
76	R20	N31-07.6 W81-24.75
77	G247	N31-08.5 W81-25.6
78	G145	N31-32.5 W81-15.4
79	R138	N31-32.9 W81-11.6
80	G135	N31-34.5 W81-11.5
81		N31-42.5 W81-08.4
82	R116	N31-42.0 W81-10.5
83	R114	N31-43.0 W81-08.8
84	R110A	N31-43.8 W81-09.0
85	G29	N32-10.7 W80-47.5
86	R2	N32-16.3 W80-42.5
87	R246	N32-16.5 W80-39.8
88	G195	N32-30.41 W80-37.0
89	G189	N32-29.8 W80-35.5
90	R186	N32-30.3 W80-30.3
91	G25A	N33-57.3 W77-57.4
92	G27	N33-58.2 W77-56.9
93	R28	N33-59.2 W77-56.8
94	G31	N34-00.6 W77-56.4
95	G 1AC	N34-58.5 W76-41.8
96	G7	N35-00.5 W76-40.0
97	R4	N35-04.5 W76-32.7
98		N35-08.8 W76-29.8
99	G27	N35-11.65 W76-34.8
100	PR	N35-22.7 W76-33.3
101	G3	N35-25.8 W76-34.1
102	R4	N35-27.0 W76-34.7
103	G7	N35-29.0 W76-35.1
104	R4	N35-31.4 W76-36.4
105	G19	N35-31.12 W76-30.0
106	R18	N35-51.0 W76-01.7
107		N35-54.0 W76-00.5
108	G1	N36-09.0 W76-00.0
109	G5A	N36-16.0 W76-08.0
110	G7	N36-17.7 W76-12.0
111	S	N36-01.0 W75-57.4
112	G173	N36-08.0 W75-53.66
113	R166	N36-10.5 W75-53.45
114	R164	N36-12.45 W75-55.4

Number	ATON	Latitude/Longitude
115	G161	N36-13.9 W75-56.0
116	G157	N36-15.0 W75-57.08
117	G 1ER	N36-59.2 W76-18.6
118	G21	N37-00.0 W76-16.7
119	G 1BR	N37-05.5 W76-14.8
120	-	N37-23.4 W76-10.7
121	G "3R"	N37-34.3 W76-15.7
122	G 1	N37-34.8 W76-18.0
123	-	N37-35.5 W76-13.6
124	-	N37-52.8 W76-10.8
125	Y "C"	N38-13.2 W76-18.0
126	G 1PR	N38-19.0 W76-21.5
127	G77	N38-20.5 W76-22.3
128	Cove Pt.	N38-23.0 W76-21.9
129	R80	N38-36.0 W76-25.2
130	G 1AH	N38-56.0 W76-25.8
131	R "4"	N38-58.0 W76-27.4
132		N38-59.5 W76-23.0
133	R 40	N39-19.85 W76-11.8
134	R "8"	N39-26.0 W76-00.5
135	R"2"	N39-27.3 W75-33.5
136	R 32	N39-14.0 W75-18.3
137	R 10	N38-58.0 W74-58.0
138		N38-59.0 W74-46.5
139	R"4A"	N39-06.0 W74-41.2
140	G1	N39-21.0 W74-24.0
141		N39-23.0 W74-20.0
142	"BI"	N39-44.5 W74-04.0
143	R"2M"	N40-05.0 W74-01.0
144	G1	N40-20.5 W73-55.5
145	R8	N40-28.9 W73-58.5
146	R"8S"	N40-30.6 W74-01.1
147	R26	N40-38.0 W74-03.1
148	Diamond	N41-09.0 W73-54.0
149	Croton Pt	N41-11.6 W73-54.5
150	Stony Pt	N41-14.7 W73-57.9
151	R130	N43-13.0 W76-00.4
152	R134	N43-13.9 W76-05.0
153	G3	N43-53.0 W76-30.0
154	G245	N44-06.0 W76-23.5

Number	ATON	Latitude/Longitude
155	G243	N44-08.0 W76-20.6
156	G5	N44-09.8 W76-19.0
157		N44-10.4 W76-16.1
158	G231	N44-12.3 W76-12.5
159	G227	N44-14.5 W76-06.4
160	R186	N44-21.1 W75-54.7
161	Z	N44-22.0 W75-54.63
162		N44-22.5 W75-55.8
163	G"H23"	N44-19.6 W76-03.7
164	G"H43"	N44-14.0 W76-25.0
165	R"KH2"	N44-13.2 W76-28.0
166	R"KN2"	N44-12.0 W76-34.0
167		N44-12.7 W76-38.0
168		N44-09.3 W76-48.0
169		N44-03.3 W76-58.7
170	Young's Point	N44-02.7 W77-03.0
171	R"Q52"	N44-08.9 W77-18.0
172	R"T434"	N44-09.0 W78-13.1
173	C169	N44-31.5 W78-11.0
174		N44-32.5 W78-31.4
175	C396	N44-28.0 W78-41.8
176	STD	N44-28.0 W79-12.0
177	G"S323"	N44-32.3 W79-21.2
178	ST	N44-35.0 W79-22.5
179	R"S292"	N44-42.0 W79-21.7
180	R"MC2"	N44-46.9 W79-47.3
181	R"M20"	N44-45.7 W79-53.0
182		N44-52.5 W79-55.0
183	G"MG5"	N44-54.2 W79-56.0
184	G"MG7"	N44-55.4 W79-56.3
185		N45-10.0 W80-07.7
186		N45-19.9 W80-10.1
187	R"P30"	N45-20.2 W80-14.0
188	G"P27"	N45-19.8 W80-15.5
189	R"PJ4"	N45-20.8 W80-18.0
190	Oak Island	N45-25.73 W80-23.5
191	R"A46"	N45-27.2 W80-24.6
192	R"A48"	N45-29.7 W80-24.6
193	R"AM2"	N45-41.0 W80-42.5
194	R"H2"	N45-44.1 W80-44.0

Number	ATON	Latitude/Longitude
195	G"H19"	N45-45.0 W80-39.4
196	DJ	N45-53.0 W80-59.5
197	D80/2	N45-53.4 W81-01.0
198	R"D82"	N45-53.5 W81-09.0
199	R"D86"	N45-55.0 W81-13.9
200	R"D88"	N45-56.1 W81-13.9
201		N45-58.0 W81-29.0
202		N45-55.6 W81-35.7
203	R"J16"	N45-55.0 W81-39.0
204	R"EE2"	N45-55.3 W81-42.6
205	G"EE3"	N45-56.3 W81-43.0
206		N46-00.3 W81-41.8
207	R"E28"	N45-57.3 W81-44.4
208		N45-58.2 W81-50.0
209	R"U2"	N46-00.0 W81-58.5
210		N46-02.9 W81-58.5
211		N46-04.4 W82-07.5
212		N46-04.2 W82-13.3
213		N46-05.2 W82-14.8
214		N46-03.7 W82-14.6
215		N46-05.0 W82-16.5
216		N46-06.7 W82-15.3
217		N46-10.1 W82-26.3
218		N46-09.3 W82-34.0
219	R"U32"	N46-08.9 W82-41.5
220	SQUARE	N46-09.7 W82-45.5
221		N46-09.3 W82-51.0
222	R"UP2"	N46-09.4 W82-56.5
223	G"UP1"	N46-09.0 W83-00.0
224		N46-07.5 W83-20.0
225	P. Bay	N46-06.4 W83-43.7
226	G11	N46-02.2 W83-43.8
227	G3	N46-01.85 W83-47.5
228	G1	N46-01.95 W83-49.3
229		N45-54.0 W84-08.0
230		N45-50.7 W84-36.4
231		N45-49.0 W84-42.5
232		N45-47.6 W85-05.5
233	G7	N45-45.6 W85-08.2
234	R2	N45-44.2 W85-29.7

Number	ATON	Latitude/Longitude
235		N45-19.3 W85-16.1
236		N45-12.0 W85-38.0
237		N45-03.0 W85-46.0
238	G5	N45-00.2 W85-55.5
239		N44-54.5 W86-04.3
240		N44-42.0 W86-16.0
241		N44-38.0 W86-16.0
242		N44-03.5 W86-32.0
243		N43-47.0 W86-27.0
244		N43-41.0 W86-33.0
245		N43-36.0 W86-34.0
246		N43-03.5 W86-17.0
247		N42-24.1 W86-17.5
248		N41-48.2 W86-45.4
249		N41-41.7 W87-30.0
250		N41-51.0 W87-36.4

Champlain Canal Route Waypoints

C01	G53	N44-11.6 W73-22.6
C02	G51	N44-13.75 W73-20.2
C03	Sloop Island	N44-18.0 W73-19.0
C04	Juniper Island	N44-26.0 W73-17.3
C05	Breakwater Lt	N44-28.0 W73-13.7
C06	AS	N44-29.2 W73-16.0
C07	G35	N44-32.7 W73-20.3
C08	Cumberland Head	N44-38.0 W73-22.2
C09	R20	N44-47.9 W73-21.0
C10	Fisk Point	N44-51.0 W73-22.4
C11		N44-54.0 W73-21.4
C12	R16	N44-55.0 W73-20.6
C13	G7	N44-57.5 W73-20.4
C14	R2	N44-59.3 W73-21.1
C15	CAD	N45-26.5 W74-00.6
C16	Pointe d'Oka	N45-27.4 W74-06.0
C17	CVL	N45-29.2 W74-10.4
C18	R"H98"	N45-30.0 W74-11.6
C19	G"H123"	N45-31.3 W74-14.6
C20	R"H266"	N45-37.8 W74-41.2
C21	R"H282"	N45-38.35W74-47.0
C22	R"N626"	N44-44.5 W76-14.0
C23	R"N634"	N44-43.0 W76-16.0

Number	ATON	Latitude/Longitude
<u>Florida Keys Waypoints</u>		
K01	R4	N26-28.0 W82-02.9
K02	G3	N26-27.2 W81-59.0
K03	G1	N26-26.0 W81-58.0
K04	G1	N26-05.5 W81-48.8
K05	G1	N25-19.0 W81-10.0
K06	R4	N25-12.8 W81-11.9
K07	G17	N24-49.0 W81-08.5
K08	R12	N24-45.2 W81-10.5
K09		N24-40.5 W81-06.9
K10	R48	N24-41.0 W81-02.0
K11	R44	N24-47.8 W80-46.8
K12	R40	N24-55.3 W80-33.0
K13		N25-04.0 W80-25.2
K14	R32A	N25-08.5 W80-21.0
K15	"31BH"	N25-13.0 W80-18.5
K16	R22	N25-20.7 W80-12.3
K17	R8	N25-30.4 W80-08.7
K18	R2	N25-35.8 W80-07.4
K19		N25-38.6 W80-07.8
K20	G97	N24-53.9 W80-44.1
K21	G91	N24-56.3 W80-40.3
K22	R78A	N24-59.1 W80-35.3
K23	R78	N24-59.7 W80-34.0
K24	R26	N25-16.5 W80-22.0
K25	G15	N25-21.9 W80-17.0
K26	R8	N25-24.0 W80-15.2
K27	R6	N25-31.0 W80-14.35
K28		N25-44.1 W80-11.1
K29	PE	N26-05.5 W80-05.0

Waypoints are intended for use by an autopilot.

These are the coordinates of the Waypoint, not the ATON.

The nearest ATON is given for convenience

and may be a mile or more away from the Waypoint.

Navigate to the Waypoint before turning to the next course.

Florida Keys Loop

Most loopers take the Okeechobee Waterway across Florida. An alternative route round the southern tip of Florida begins south of Pine Island Sound. The Florida Keys route adds 250 miles to the Great Loop.

The Florida Keys route begins with an open water crossing from Sanibel Island to Naples then an inland waterway behind Marco Island to Coon Key Pass. The charted depth along this inland route is only four feet but there is an additional three feet depth at high tide. We then cruise offshore along the boundary of the Everglades National Park to an anchorage at Little Shark River. Thirty miles further south, the tip of Seven Mile Bridge appears on the horizon as our introduction to the Florida Keys.

We turn to face east but gradually curve to a northerly heading as we follow Hawk Channel between the Keys on our port side and an offshore submerged barrier reef to starboard. An alternative to the Hawk Channel, the Intracoastal Waterway is a more protected route for vessels that draw less than 4.5 feet.

At Miami we leave the Intracoastal Waterway and take Fisherman's Channel to Miami Beach. Finally, the Miami Beach Channel takes us behind Miami Beach to the Intracoastal Waterway and we rejoin the Great Loop. There is also an offshore route from Miami Beach joining the ICW at Fort Lauderdale.



Florida Keys Itinerary

Page	Marina		Miles
K1	Sanibel Island Marina	Sanibel Island	25
K1	Naples City Dock	Naples	36
K2	Calusa Island Yacht Club	Goodland	23
K3	Anchorage	Little Shark River	55
K3	Marathon Marina	Marathon	52
K4	Plantation Yacht Harbor	Islamorada	47
K5	Gilbert's Resort Marina	Key Largo	23
K7	Miamarina at Bayside	Miami	45
K8	Sunset Harbor Yacht Club	Miami Beach	7
K10	Las Olas Municipal Marina	Fort Lauderdale	26
K11	Palm Harbor Marina	West Palm Beach	43
K12	Anchorage	Peck Lake	31
27	City Marina	Fort Pierce, FL	27
		Total miles	440

State & National Park Anchorages on the Florida Keys Route

Little Shark River - Everglades National Park

This area of the Everglades Park consists of mangrove islands and hardwood hammocks and not acres of sawgrass that one usually associates with the Everglades. We enjoy a beautiful secluded anchorage 1.5 miles upriver. Continue to daymark G69 and turn right (SE) before the daymark. Allow for a reversal of tidal current.

No Name Harbor - Bill Baggs State Park

The harbor is in Bill Baggs State Park where you may walk to visit the Cape Florida lighthouse and the beach. There is a daytime concession stand in the harbor. There is a small fee on the honor system. Enter the harbor from the Cape Florida Channel. Follow the concrete seawall to the harbor entrance after the last fishing platform.

Peck Lake - St Lucie State Park ICW mile 992

There is a very nice anchorage on the eastern side of the ICW where it widens at Peck Lake. Depart the ICW (heading east) about 50 yards before (i.e. South of) daymark G19. Water depths improve after crossing a shallow bar. There may be occasional wakes from boats on the ICW during daylight hours. The anchorage is part of St. Lucie State Park. Dinghy to shore at the park sign then walk to the ocean side to explore miles of unspoiled beach.

Florida Keys

Navigation Notes

1

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Florida Keys route begins at daymark G11 south of Pine Island Sound (See page 23) Green ATONs to starboard			G11	N26-29.2 W82-03.7 SQUARE	S
GO TO WP K01	151		G5	SQUARE	S
	151	1	R4	N26-28.0 W82-02.9 TRIANGLE	P
	130		G3	SQUARE	S
				Sanibel Cswy C-Span Fixed 26 feet	
Enter canal at R2 , SE of bridge. Go ahead at canal intersection to fuel dock on port side.				Sanibel Island Marina	S
	080	1		Point Ybel Lighthouse Fishing Pier	S
GO TO WP K02	101	2	G3	N26-27.2 W81-59.0 SQUARE	S
GO TO WP K03	148	2	G1	N26-26.0 W81-58.0 SQUARE	S
GO TO WP K04	163	1	"SC"	San Carlos Bay Light Red/white Diamond	P
	163	24	G1	N26-05.5 W81-48.8 SQUARE	P
Gordon River - Red ATONs to starboard			R4	TRIANGLE	S
		1	R18	TRIANGLE	S
			"G"	Red over Green Triangle	S
Turn left to Naples. (Cruisers wishing to by-pass Naples may turn right)			R20	TRIANGLE	S
Slips or mooring buoys		2	G35	Naples City Dock	P
Return to "G" - Green ATONs to starboard			"G"	Red over Green Triangle	S

<u>Notes</u>	<u>Course</u> <u>MAG</u>	<u>Miles</u>	<u>Aid To Navigation</u>		
Inland Waterway - Green ATONs to starboard.			G73	SQUARE	S
Shallow water to daymark R46		6	R34	TRIANGLE	P
Anchor in channel west of Little Marco Island Return to R34 before continuing waterway				Little Marco Island Anchorage	S
			G33	SQUARE	S
	140		G29	SQUARE	S
Bear left along left bank.		4	R"2A"	TRIANGLE	P
Turn right. Daymarks on port side mark a side channel.	220		R2	TRIANGLE	P
Circle left around "C".	220		G1	SQUARE	S
	220		"C"	Green over red SQUARE	P
Capri Pass - Red ATONs to starboard			G9	SQUARE	P
	070		G11	SQUARE	P
		1	G15	SQUARE	P
Canal to Marco Island Yacht Club starboard side after power lines and before the bridge.				Bear Point Bridge	
Big Marco River - Green ATONs to starboard. After bridge turn SW to R26			R26	TRIANGLE	P
Locate daymark G25 at 115Mag. Shallow water both sides.	115	1	G25	SQUARE	S
			R22	TRIANGLE	P
		4		Hwy Bridge	
Goodland restaurants starboard side. No wake.			G7	SQUARE	S
			R6	TRIANGLE	P
Enter between shore and wooden piles. Continue west for 1/4 mile past Walkers Marina and houses.				Calusa Island Yacht Club, Goodland, FL	S

<u>Notes</u>	<u>Course</u> <u>MAG</u>	<u>Miles</u>	<u>Aid To Navigation</u>		
Return to daymark R6		1	R2	TRIANGLE	P
Coon Key Pass has charted 4 foot depth. Tidal range is 3 feet.	157	1		Coon Key Light Red/white Diamond	S
GO TO WP K05	148	12	"IK"	Indian Key Light	P
	148	36	G1	N25-19.0 W81-10.0 SQUARE	P
<i>Shark River</i> - Red ATONs to starboard. 1.5 mile past R4 bear right, southeast, at G69 . (G69 marks a channel to Wilderness Waterway)			G69	Little Shark River Anchorage	
Return to WP K05				N25-19.0 W81-10.0	
GO TO WP K06.	200	8	R4	N25-12.8 W81-11.9 TRIANGLE	P
GO TO WP K07	178	28	G17	N24-49.0 W81-08.5 SQUARE	S
GO TO WP K08	211	4	G13	SQUARE	S
	211	1	R12	N24-45.2 W81-10.5 TRIANGLE	P
<i>Moser Channel</i> - Green ATONs to starboard	181	4		Seven Mile Bridge	
Follow three TRIANGLE Daymarks, R6 , R4 , R2 , port side.			R2	TRIANGLE	P
Turn left parallel to bridge	073	3	R2	TRIANGLE (Boot Key Channel)	S
<i>Boot Key Channel</i> - Red ATONs to starboard			G7	SQUARE	P
				Marathon Marina	P

Cruisers wishing to by-pass Boot Key Harbor return to daymark **R2**, page K4.

<i>Boot Key Harbor</i>			R18	TRIANGLE	S
Turn right (120MAG) to pass between G21 and R20	120		G21	SQUARE	P
Turn left to daymark G'1A' . (Sisters Creek continues ahead.)			G'1A'	SQUARE	P
Follow marked channel to marina beginning at Triangle daymark R'2B' .			Boot Key Harbor City Marina (Slips or mooring buoys)		P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Return to daymark R2			R2	TRIANGLE (Boot Key Channel)	P
GO TO WP K09. Lighthouse is 3 miles beyond the waypoint. Turn left at the waypoint. <i>Most Southern Point of Great Loop</i>	173	2		N24-40.5 W81-06.9 Sombrero Key Light	S
GO TO WP K10	089	2	G49	SQUARE East Washerwoman Shoal	S
Hawk Channel - Green ATONs to starboard	089	3	R48	N24-41.0 W81-02.0 TRIANGLE	P
GO TO WP K11	067	8	G45	SQUARE East Turtle Shoal	S
	067	11	R44	N24-47.8 W80-46.8 TRIANGLE	P

Here is a choice of routes:

1. ICW (Controlling depth is 4.5 feet.) or 2. Hawk Channel (Page K6)

<u>ICW Route</u>					
Channel Five - Red ATONS to starboard. Pass between Daymarks G1 and R2	016	2	R4	TRIANGLE	S
ICW - Green ATONS to starboard			MILE 1170	Hwy Bridge	
GO TO WP K20	034	5	G97	N24-53.9 W80-44.1 SQUARE	S
Pass between three pairs of daymarks.	042		G93	SQUARE	S
Continue 042mag for at least 200 yards past daymark G93 GO TO WP K21	065	4	G91	N24-56.3 W80-40.3 SQUARE	S
Shallow water to G81		2	G81	SQUARE	S
GO TO WP K22 Waypoint is 3/4mile past daymark R78A	070	3	R78A	N24-59.1 W80-35.3 TRIANGLE	P
Marina entrance is behind Red column with white bands, starboard side.	141	2	MILE 1155	Plantation Yacht Harbor	S
Return to waypoint K22				N24-59.1 W80-35.3	

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP K23	069	2	R78	N24-59.7 W80-34.0 TRIANGLE	P
<i>Cross Bank</i>		1	G73	SQUARE	S
Locate Daymark G71. Daymarks G17 & R18 on starboard side mark a channel to Tavernier Creek	049	1	G71	SQUARE	S
	064	1	R70	TRIANGLE	P
<i>Ramshorn Cut</i>		2	R64	TRIANGLE	P
Curve left to 356 mag	356	1	G61	SQUARE	S
Turn right to 072MAG <i>Baker Cut</i>		4	G55	SQUARE	S
Everglades Park Boundary marker port side	038	2	G53	SQUARE	S
<i>Grouper Creek</i> leads to <i>Tarpon Basin</i> .		1	R48A	TRIANGLE	P
*Anchor north or south of daymark R48A depending on wind direction. Return to R48A				Tarpon Basin Anchorage	*
Waterway curves to the left into <i>Dusenberry Creek</i>		1	G41	SQUARE	S
<i>Blackwater Sound</i>	060	1	R40	TRIANGLE	P
Everglades Park Boundary marker port side	043	2	R38	TRIANGLE	P
Pass between daymarks R36 & G37 Face dock on channel			MILE 1134	Gilbert's Resort Marina	P
		0	MILE 1134	Jewfish Creek Bridge	
<i>Jewfish Creek</i>		1	G29	SQUARE	S
GO TO WP K24 <i>Barnes Sound</i>	018	5	R26	N25-16.5 W80-22.0 TRIANGLE	P
Pass between daymarks R24 & G23 before bridge.			MILE 1127	Hwy Bridge	
	049	1	R20	TRIANGLE	P
Pass between three pairs of daymarks. <i>Card Bank</i>		1	G17	SQUARE	S
GO TO WP K25 <i>Card Sound</i> Pumpkin Key and <i>Angelfish Creek</i> starboard side.	054	5	G15	N25-21.9 W80-17.0 SQUARE	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Cutter Bank		2	G9	SQUARE	S
GO TO WP K26	046	1	R8	N25-24.0 W80-15.2 TRIANGLE	P
GO TO WP K27 Caesar Creek on starboard side.	012	8	R6	N25-31.0W80-14.35 TRIANGLE	P
Pass between two pairs of daymarks. <i>Featherbed Bank</i>			G3	SQUARE	S
GO TO WP K28 <i>Biscayne Bay</i> *Daymarks B&C-Pass either side	019	5	"C"	Yellow Diamond	S*
	019	5	"B"	Yellow Diamond	*
	019	5	MILE 1092	N25-44.1 W80-11.1 Rickenbacker Bridge	

Florida Keys route continues on page K7

<u>Hawk Channel</u>					
GO TO WP K12	063	11	G43 SQUARE	Alligator Reef Light	S
	063	2	G41	SQUARE	S
	063	4	R40	N24-55.3 W80-33.0 TRIANGLE	P
GO TO WP K13	044	13		N25-04.0 W80-25.2	
Locate R2 and follow marked channel between G7 & R8 into canal	330	1	R2	TRIANGLE (Key Largo)	S
Monitor channel 16 at sharp left turn, crash corner. 1 800 451 3483 or 305 451 4107	350			Marina Del Mar Key Largo Harbor	P
Return to Daymark R2 then GO BACK TO WP K13	150	1		N25-04.0 W80-25.2	
GO TO WP K14	045	7	R32A	N25-08.5 W80-21.0 TRIANGLE	P
GO TO WP K15	033	6	"31BH"	N25-13.0 W80-18.5 SQUARE	S
GO TO WP K16 Angelfish Creek on port side 2 miles after G25 Pass between R24 & G23. (Ignore marker on starboard side near G23)	041	10	R24	TRIANGLE	P
	041	1	R22	N25-20.7 W80-12.3 TRIANGLE	P

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP K17	023	3	R20	TRIANGLE	P
Daymarks on port side mark channel to Caesar Creek	023	8	R8	N25-30.4 W80-08.7 TRIANGLE	P
GO TO WP K18 Fowey Rocks Lighthouse starboard side	017	6	R2	N25-35.8 W80-07.4 TRIANGLE	P
GO TO WP K19	359	3	G1	N25-38.6 W80-07.8 SQUARE	P
Turn left to pass between G1 & R2 then pass between G3 & R4	308		R2	TRIANGLE (Biscayne Channel)	S
	308		R4	TRIANGLE	S
Leave Biscayne Channel <i>Cape Florida Channel</i>	320		R6	TRIANGLE	P
	320			Cape Florida Lighthouse (White tower)	S
Shallow water port side, deeper water closer to shore				No Name Harbor Anchorage	S
Continue parallel to shore. Pass between G1 & R2			R2	TRIANGLE	S
<i>Biscayne Bay</i>			R4	TRIANGLE	S
GO TO WP K28	005			White danger beacon	S
	005	1	G1	SQUARE	S
	005	2		N25-44.1 W80-11.1 Rickenbacker Bridge	

ICW and Hawk Channel Routes Rejoin

ICW - Green ATONs to starboard		1	G63	SQUARE	S
Fork right			G57	SQUARE	S
<i>Fisherman's Channel</i> , between daymarks G57 & R18 , is the route to Miami Beach				Junction with Fisherman's Channel	S
			G53	SQUARE	S
Miami ,FL				Miamarina at Bayside	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Return to <i>Fisherman's Channel</i>			R18	TRIANGLE	P
Pass between daymarks R16 & G17 . <i>Fisherman's Channel</i> - Green ATONs to starboard		1	G9	SQUARE	S
Bear left at daymark G9 , then left again at G3 . <i>Cross Government Cut Channel</i>			R18	Lighted BUOY	P
Marina entrance is behind a breakwater				Miami Beach Marina	S

Some cruisers prefer the 23 mile outside route from Government Cut to Port Everglades

<u>Outside Route</u>					
<i>Government Cut</i>			R8	Lighted BUOY	P
GO TO WP K29	011	23	PE	N26-05.5 W80-05.0 red/white BUOY	S
<i>Port Everglades Inlet</i> - Red ATONs to starboard			R12	TRIANGLE	S

<u>Inside Route</u>					
From Miami Beach Marina head north to Hwy Bridge				Hwy Bridge 35feet	
Flagler Monument, port side.	344	1	R2	TRIANGLE	P
Channel 9				Venetian EAST 10ft REQUEST OPEN	
Turn right before G13 .			G13	SQUARE	P
Two daymarks on same pile			GR"S" R30	SQUARE TRIANGLE	P
Call Marina on Channel 11		0		Sunset Harbor Yacht Club	S
Miami Beach Channel. Pass between red daymarks (port) and shore (stbd).		1		E.Julia Tuttle Bridge 35 feet	
After bridge turn right round G25 Continue between red daymarks and shore			G25	SQUARE	S
		3	R12	TRIANGLE	P
Bear left towards R10 and highway bridge				East 79th Bridge 25 feet	
Bear right			R8	TRIANGLE	P

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
Continue bear right Pass between daymarks R6 & G5			R2	TRIANGLE	P
Circle right round G15 before heading to bridge	350		G15	SQUARE	S
Channel 9.			MILE 1081	Broad Causeway 16ft REQUEST OPEN	
ICW - Green ATONs to starboard		3	MILE 1078	Sunny Isles Bridge 30 feet	
<i>Dumfoundling Bay</i>		2	MILE 1076	Golden Beach Bridge	
		2	MILE 1074	Hallandale Bridge 22 feet	
Hollywood, Florida		2	MILE 1072	Hollywood Blvd Bridge 25 feet	
		1	MILE 1071	Sheradan Street Bridge 22 feet	
			MILE 1070	Dania Beach Blvd. 22 feet	
Port side, across ICW from G35 is Dania Cut-off Canal			G35	SQUARE	S
Entering port of Port Everglades.		2	G11	SQUARE	S
Junction with Port Everglades Inlet starboard side.			R12	TRIANGLE	S

Inside and Outside Routes Rejoin

ATONs marking the ICW exhibit unique yellow symbols. Aids with yellow squares should be kept to starboard. Aids with yellow triangles should be kept to Port.					
ICW - Green ATONs to starboard	348		G29	SQUARE	S
			MILE 1066	17th Street Bridge	
(New River is straight ahead between R22 & R20 then Red ATONs to starboard at R2 etc.) Great Loop and ICW curve to the right at R20.	1	MILE 1065		Junction with New River	P
		R20	TRIANGLE	P	
		R18	TRIANGLE	P	
(An alternate entrance to New River is after bifurcation marker "A")			"A"	Red over Green Triangle	P
Marina is after daymark G13			MILE 1064	Bahia-Mar Fort Lauderdale	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
			MILE 1064	Las Olas Blvd 31feet	
		0		Las Olas Municipal Marina	S
<i>Intracoastal Waterway</i>			G3	SQUARE	S
			MILE 1063	Sunrise Blvd 25 feet	
		2	MILE 1061	Oakland Park Blvd 22 feet	
Channel 9 Opens half-hourly		1	MILE 1059	Commercial Blvd 15ft REQUEST OPEN	
Channel 9 Opens half-hourly		3	MILE 1056	Atlantic Blvd 15ft REQUEST OPEN	
Channel 9 Opens 15 past and 45 past the hour			MILE 1055	14th Street 15ft REQUEST OPEN	
			G73	SQUARE	S
			MILE 1054	Junction with Hillsboro Inlet	S
Boca Raton		4	MILE 1050	Hillsboro Blvd 21feet	
Channel 9 Opens every 20 minutes		2	MILE 1048	Camino Real Bridge 9ft REQUEST OPEN	
<i>Lake Boca Raton</i>			G65	SQUARE	S
Narrow Passage, swift current at Palmetto Park bridge. Opens half-hourly.			MILE 1047	Palmetto Park 19ft REQUEST OPEN	
		2	MILE 1045	Spanish River Blvd 21feet	
Delray Beach		4	MILE 1041	Linton Blvd 27ft	
Channel 9 Opens 15 past and 45 past the hour		1	MILE 1040	Atlantic Avenue 12ft REQUEST OPEN	
Channel 9.			MILE 1039	George Bush Blvd 9ft REQUEST OPEN	
			R52A	TRIANGLE	P
		2	MILE 1036	SE15th Avenue 25feet	
Boynton Beach		1	MILE 1035	Ocean Ave Bridge 21feet	

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
<i>Lake Worth</i>			R52	TRIANGLE	P
At R52 bear right to R48	030		R48	TRIANGLE	P
Locate R46 Nun with small yellow Triangle.	012		R46	NUN BUOY with small yellow triangle	P
Channel 9.	012	3	MILE 1031	Lantana Bridge 24 feet	
		2	MILE 1029	Lake Avenue Bridge 35 feet	
Channel 9 Opens 15 past and 45 past the hour		4	MILE 1025	Southern Blvd 14ft REQUEST OPEN	
West Palm Beach		2	MILE 1023	Royal Park Bridge 22 feet	
		1	MILE 1022	Palm Harbor Marina	P
Channel 9			MILE 1021	Flagler Bridge 21ft	
		2	G1	SQUARE	S
			MILE 1018	Junction with Lake Worth Inlet	S
			R42	TRIANGLE	P
Channel curves to the right		1	MILE 1017	Blue Heron Blvd	
		1	R30A	TRIANGLE	P
Channel curves left to daymark G29 . Continue to daymark G27	351	1	G27	SQUARE	S
Daymarks G1 & R2 on starboard side mark a channel to Old Port Cove Marina		0	MILE 1014	Parker Bridge (US1) 25 ft	
		1	MILE 1012	PGA Bridge 24 feet	
		3	MILE 1009	Ross bridge	
		3	MILE 1006	Indiantown Road Bridge	
			R8	TRIANGLE	P
Sharp turn right, do not go through bridge to Loxahatchee River			R4	TRIANGLE	P

Notes	Course MAG	Miles	Aid To Navigation		
			MILE 1005	Jupiter Federal Bridge 26 ft	
			Jupiter Inlet Lighthouse (Painted Red brick)		P
Turn left between buoys R2 & G1 . (Jupiter Inlet continues ahead)			G1	Lighted BUOY	S
			MILE 1004	Hwy 707 Bridge	
<i>Jupiter Sound</i>			G59	SQUARE	S
Shallow water outside channel	350	1	G53	SQUARE	S
<i>Hobe Sound</i>		6	MILE 996	Hobe Sound Bridge 21 ft	
		4	G21	SQUARE	S
Depart ICW to cross the lake about 50 yards before (south of) G19			MILE 992	Peck Lake Anchorage	S
		0	G19	SQUARE	S
		4	G3	SQUARE	S
			R2	TRIANGLE	P
Crossroads : Continue ahead on ICW. (Okeechobee Waterway to port, St. Lucie Inlet to starboard)					
	340		R240	TRIANGLE	P
	340		G239	SQUARE	S
			R238	TRIANGLE	P
Great Loop continues on page 27.					

Champlain Canal Route

(Champlain Canal, Ottawa River, Rideau Canal)

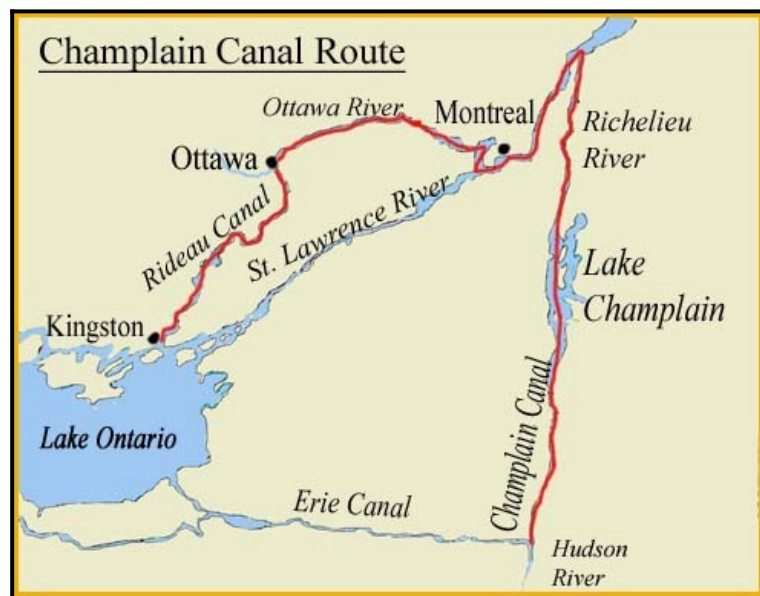
The Champlain Canal Route is an alternative to the Erie Canal Route. It adds 250 miles to the Great Loop. Boats must be able to clear a fixed 17-foot bridge.

The route begins with the Champlain Canal connecting the Hudson River to Lake Champlain. At the top of Lake Champlain is the Canadian border and the head of the Richelieu River. Rapids part way down the river are not navigable and are bypassed by the Chambly Canal. Back on the Richelieu, there is one more lock, Saint-Ours, before we reach the St. Lawrence River.

The St. Lawrence River is a busy commercial waterway but there is a Small Craft Channel that avoids the big ships, is more scenic and has less current as we travel upstream to Montreal. At Montreal, the St. Lawrence Seaway begins. The Seaway allows freighters to transport cargo further upstream to Lake Ontario and beyond. After two locks we leave the Seaway and take the quieter Ottawa River.

One hundred miles and two locks later we are in Canada's capital city of Ottawa. The historic Rideau Canal, built in 1832, begins here with a flight of eight locks end to end. We pass through 45 locks manually operated by friendly Parks Canada staff to travel the full length of the Rideau Canal. Our final destination is Kingston, Ontario where we rejoin the Great Loop.

Under normal conditions there is approximately 5 feet of water in the Rideau Canal. Operators of vessels whose draft exceeds 4 feet should contact lock staff or the Superintendent, Rideau Canal at (613) 283-5171 before considering navigation of the Rideau Canal.



Champlain Canal Route Itinerary

Page	Marina		Miles
C1	NY Canal Welcome Center	Waterford, NY	
C1	Town Dock	Mechanicville, NY	10
C1	Yacht Basin	Fort Edward, NY	28
C1	Town Docks	Whitehall, NY	25
C2	Anchorage	Bulwagga Bay	40
C2	Burlington Boathouse	Burlington, VT	38
C3	Gaines Marina	Rouses Point, NY	40
C3	Overnight Dock	Saint Jean, QC	24
C4	Tie-up wall	Chambly, QC	12
C4	Overnight Dock	Saint-Ours, QC	30
C5	Anchorage	La Grande Riviere	52
C5	Port d'Escale	Montreal, QC	8
C6	Tie-up wall	Saint Anne de Belleue, QC	37
C7	Overnight Dock	Carillon, QC	27
C7	Chatteau Montebello	Montebello, QC	26
C7	Hull Marina	Gatineau, QC	42
C8	Overnight Dock	Ottawa, ON	1
C8	Overnight Dock	Long Island Lock	14
C8	Overnight Dock	Burritt's Rapids Lock	26
C8	Town Dock	Merrickville, ON	7
C9	Victoria Park Marina	Smiths Falls, ON	15
C10	Public Docks	Westport, ON	27
C10	Overnight Dock	Jones Falls	18
C11	Overnight Dock	Lower Brewers Lock	13
61	Confederation Basin	Kingston, ON	14
		Total miles	574

Champlain Canal Route

Navigation Notes

1

Notes	Course	Miles	Aid To Navigation		
<u>Champlain Canal Route begins at Waterford, NY</u> Bridge clearance on the Champlain Canal Route is 17 feet. Clearance at Bridge number C5 is 15.5 feet but can be increased with advance notice.					
Champlain Locks monitor Channel 13. You are northbound. Locks have ropes, cables or pipes. <u>Ropes</u> : Several ropes hang on lock wall. Grab ropes at bow & stern. <u>Cables</u> : Several plastic coated cables are secured top and bottom. Loop your line around cables or pipes bow & stern		0	R2	BUOY	S
		3	ropes and pipes	Lock 1 UP 14ft	
		4	ropes and cables	Lock 2 UP 18ft	
		2		Mechanicville Town Dock	P
		0	ropes and pipes	Lock 3 UP 19ft	
Notify Lock 3 in advance if clearance exceeding 15.5ft is required - (518) 664-5171 Check height gage located under green square on bridge		0		R/R Bridge C5 15.5 feet	
Hudson River		1	ropes and cables	Lock 4 UP 16ft	
Schuyler Yacht Basin port side, (Sky-lair) 0.1 mile before the next bridge.		15	cables	Lock 5 UP 19ft	
		4	ropes and pipes	Lock 6 UP 16ft	
		7	G219	BUOY	P
Hudson River on port side, is not navigable. Passage left of lock 7 leads to Yacht Basin		1		Yacht Basin Fort Edward, NY	
Return to Lock 7.		1	ropes and pipes	Lock 7 UP 10ft	
Champlain Canal Speed limit 10mph		2	ropes	Lock 8 UP 11ft	
		4		Bridge C19 17 feet DOES NOT OPEN	
Highest Level of Champlain Canal - 140 feet		1	ropes and pipes	Lock 9 DOWN 16ft	
		9	ropes and pipes	Lock 11 DOWN 12ft	
		6		R/R Bridge 17 feet DOES NOT OPEN	
Overnight wall before the lock		0		Town Docks Whitehall, NY	P

Notes	Course MAG	Miles	Aid To Navigation		
		0	ropes and pipes	Lock 12 DOWN 15ft	
<i>Lake Champlain</i> Monitor Channel 9 Green ATONs to starboard. Bridge clearance is 21.5 feet from here to Chicago.		20		Chipman Point Marina Orwell, VT	S
		4	R70	Ticonderoga Light TRIANGLE	P
Cable ferry crossing then locate buoy R68 one mile ahead.		1	R68	NUN BUOY	P
Champlain Memorial Lighthouse port side.		13		Champlain Bridge	
			R56	NUN BUOY	P
Enter Bulwagga Bay at far (west) shore round white buoy "D". Buoys mark submerged piles.				Bulwagga Bay Anchorage	P
		1	G55	Lighted BUOY	S
GO TO Waypoint C01	032	10	G53	N44-11.6 W73-22.6 CAN BUOY	S
GO TO WP C02	053	3	G51	N44-13.75 W73-20.2 CAN BUOY	S
Otter Creek is marked by a white No-Wake buoy. Vergennes City Dock is 7 miles up Otter Creek Return to mouth of Otter Creek and head north				Junction with Otter Creek	S
	055	1		Diamond Island Two small islands	P
				Kingsland Bay Anchorage	S
				Point Bay Marina	S
Pass between Split Rock Point (port) and Thompson Point (stbd)			"S"	Split Rock Point Light Abandoned Lighthouse	P
GO TO WP C03 Ferry Crossing	010	2	Sloop Island	N44-18.0 W73-19.0	S
GO TO WP C04	024	6	G47	Lighted BUOY	S
	024	3	Juniper Island	N44-26.0 W73-17.3	P
GO TO WP C05 Unmarked rock, (Rock Dunder) starboard side.	068	4		N44-28.0 W73-13.7 South Breakwater Light	P
Burlington Harbor. Continue past ferry dock. Call marina on channel 74				Burlington Boathouse Burlington, VT	S

Notes	Course MAG	Miles	Aid To Navigation		
Exit Burlington Harbor north end.				North Breakwater Light	P
GO TO WP C06	297	2	AS	N44-29.2 W73-16.0 Green over Red Buoy	S
GO TO WP C07	334	5	G35	N44-32.7 W73-20.3 Lighted BUOY	S
GO TO WP C08	001	6		N44-38.0 W73-22.2 Cumberland Head	P
GO TO WP C09	020	4		Ferry crossing	
	020	7	R20	N44-47.9 W73-21.0 Lighted Buoy	P
GO TO WP C10	357	4	Fisk Point	N44-51.0 W73-22.4	S
GO TO WP C11	029	4	M	N44-54.0 W73-21.4 Pink Lighthouse	S
GO TO WP C12	045	1	R16	N44-55.0 W73-20.6 NUN Buoy	P
GO TO WP C13	015	3	G7	N44-57.5 W73-20.4 CAN Buoy	S
GO TO WP C14	000	2	G3	N44-59.3 W73-21.1 CAN Buoy	S
Call marina on channel 6				Gaines Marina Rouses Point, NY	P
			R2	NUN Buoy	P
Richelieu River				Abandoned Railroad Trestle	
Continue Green ATONs to starboard. Monitor Channel 68			MILE 69	Hwy Bridge	
		1	R"E558"	BUOY	P
Report to Customs Pier when entering Canadian Waters.		0	MILE 68	Customs Pier	P
Follow buoys carefully. Thin spar buoys are hard to spot.		2	MILE 65.5	CN R/R Swing Bridge USUALLY OPEN	
Buoy "FORT" on port side marks an alternate channel		4	FORT	South Cardinal Buoy	P
Alternate channel rejoins after buoy "NOIX"		2	NOIX	Green over Red BUOY	P
Dock is before Bridge 12		9	MILE 50	Floating Dock Saint Jean, QC	P

Notes	Course MAG	Miles	Aid To Navigation		
Chambly Canal Use Channel 68 to contact Lockmasters and Bridge tenders. You are northbound. Lockmaster will provide two lines.			MILE 50	Bridge 12 REQUEST OPEN	
			MILE 49	R/R Swing Bridge Lock 9	
Chambly Canal Speed Limit 6mph		2	MILE 47	Bridge 10 4ft REQUEST OPEN	
		3	MILE 44	Bridges 9, 7, 4 REQUEST OPEN	
Lockmaster will open Bridge 3.			MILE 41	Swing Bridge 3 Lock 8	
No Radio				Locks 7, 6, 5, 4	
Tie-up wall before Bridge 1			MILE 40	Overnight Wall Chambly, QC	P
Lockmaster will open Bridge 1. Channel 68.			MILE 40	Swing Bridge 1 Locks 3/2/1	
		0		Marina de Chambly	S
Bassin de Chambly Richelieu River		7	G"E227"	Buoy	S
Channel Span is adjacent to west shore. CAUTION: Narrow Passage and strong current.		1	MILE 33	Beloeil R/R Bridge 30 ft	
Saint-Ours Lock (Sant-oars-lock) Ch 68 Tie-up at BLUE LINE port side to await lockage. Green Light indicates OK to enter Lock. Tie-up to floating dock inside the lock port side.		10	MILE 23	Cable ferry	
		6	MILE 17	Cable ferry	
		5	MILE 12	Saint-Ours Lock DOWN 5ft	P
Overnight docks before and after lock		0	MILE 12	Overnight Dock Saint-Ours, QC	P
		1		Cable ferry	
Marina parc Bellerive starboard side		9	MILE 2	Hwy 30 Bridge	
Sorel-Tracy			MILE 0	Hwy Bridge	
Turn left then parallel to port shore in 20ft depth. (Green Buoys M1 & M3 pass either side.)		4	R"M4"	Buoy	S
St. Lawrence River - Red ATONs to starboard.		4	R"M8"	Buoy	S
		1	ISO	Red over Green BUOY	P*
*Leave Main Ship Channel. Bear right into Small Craft Channel	225	1	R"MS4"	Buoy	S

Notes	Course MAG	Miles	Aid To Navigation		
Pass thru pipe storage area. Head towards Green lighted range markers to buoy MS9	225	3	G"MS9"	Buoy	P
Pass between buoys MS17 & MS18 . Continue to MS20	211	2	R"MS20"	Buoy	S
Locate green buoy "MS29" 2 miles ahead at 240MAG. (Other Buoys are for the Main Ship Channel.)	240	2	G"MS29"	Buoy	P
Pass thru pipe storage area marked by yellow buoys.		10	G"MS59"	Buoy	P
Pass btween Buoy MS63 (port) & Buoy 'LEBEL'(stbd) A third buoy on stbd side marks a side channel	221	1	LEBEL	Red over Green BUOY	S
	206	1	G"MS69"	Buoy	P
	210		R"MS72"	BUOY	S
Merge with Main Ship Channel after Buoy M124 .	210	1	R"M124"	Lighted BUOY	P
Leave Main Ship Channel after Buoy M129	210	1	G"M129"	Lighted BUOY	P
Bear left into Boucherville Small Craft Channel Three small CAN Buoys, port side	180		G"MT5"	CAN Buoy	P
Locate red and green buoys at overhead power lines ahead. Continue to MT26		2	R"MT26"	Buoy	S
<i>Chenal Du Sud</i>		3	R"MT46"	BUOY	*
*Keep buoy MT46 on port side entering anchorage. Anchor alongside Ile Saint-Jean.		0		La Grande Riviere Anchorage	S
Return to buoy MT46 starboard side		2		Hwy Bridge	
Bear right to pass between buoys MT65 & MT66 Continue to MT69			G"MT69"	Buoy	P
Rejoin Main Ship Channel. Continue Red ATONs to starboard	250		G"M177"	Lighted BUOY	P
Buoyed channel to marina begins after buoy M187				Marina Real-Bouvier Longueuil, QC	P
		2	ISH	North Cardinal Buoy	P*
*Leave Main Ship Channel and enter Port of Montreal against a 5 knot current.	225	1		Tall White Clock Tower	
Montreal Yacht Club is at the clock tower. Port d'Escale is in the next basin. Call on Ch 68 (Lachine Canal is further ahead with 8ft bridges)				Montreal Yacht Club and Port d'Escale Montreal, QC	S

Notes	Course MAG	Miles	Aid To Navigation		
Return to Main Ship Channel. *Buoy 'ISH' pass either side		2	ISH	North Cardinal Buoy	P*
<i>St. Lawrence Seaway South Shore Canal</i>		1	PSH	Red over Green BUOY	S
GreatLakes-Seaway.com Buy Tickets			R"M192"	Lighted BUOY	S
Tie-up to floating dock on left side of canal to await lockage Report to lockmaster using the telephone located on dock. You are UPBOUND Amber light indicates lock is being prepared. Green light indicates OK to enter lock Lockmaster will provide two lines on port side. Rafting of pleasurecraft is usually required.		2	MILE 3	St. Lambert Lock UP 17 feet	
		7	MILE 10	St. Catherine Lock UP 30 feet	
		7	MILE 17	End of Canal	
		2	LAC A	West Cardinal Buoy	S
Leave St. Lawrence Seaway. Turn right to Lake St. Louis.	015		G"AC59"	Buoy	S
Begin Range - Green ATONs to starboard	066	1	LAC B	Red over Green BUOY	P
Circle left round buoy "LAC B" Pass between buoys "AD1 & AD2" then "AD5 & AD6"			R"AD2"	Buoy	S
Red ATONs to starboard	319	1	DOR-A	Green over Red BUOY	P
Bear left to pass between buoys "AD15 & AD14"			R"AD14"	Buoy	S
Bear left to pass between yellow buoy "VAL" (port) & red buoy AD18 (stbd). Continue to AD22	266	2	R"AD22"	Buoy	S
	274	2	R"AD28"	Buoy	S
Ottawa River	283	1	R"AD30"	Buoy	S
Locate spar buoy AD38 then pass between a green/red buoy (port) and red buoy AD42 (stbd).	253	2	R"AD46"	Buoy	S
Locate three red buoys close to shore. Overnight tie-up walls before lock both sides.		2		Sainte Anne de Bellevue, QC	S
Tie-up at BLUE LINE to await lockage. Green light indicates OK to enter lock. Tie-up to floating dock inside the lock on port side.			MILE 97	Sainte Anne Lock UP 1 foot	P
		1	MILE 96	Trans Canada Hwy Bridge	
Lac Des Deux Montagnes			G"H19"	Buoy	P

Notes	Course MAG	Miles	Aid To Navigation		
GO TO WP C15	333	2	CAD	N45-26.5 W74-00.6 Red over Green BUOY	S
GO TO WP C16 Ferry Crossing	299	5	Pointe d'Oka Marina	N45-27.4 W74-06.0	S
GO TO WP C17	316	4	CVL	N45-29.2 W74-10.4 white square tower	S
GO TO WP C18	329	1	R"H98"	N45-30.0 W74-11.6 Buoy	S
GO TO WP C19	317	3	G"H123"	N45-31.3 W74-14.6 Buoy	P
River curves to the right after buoy H163 Ferry crossing before lock.		9	MILE 72	Overnight Dock Carillon, QC	S
Tie-up at BLUE LINE to await lockage. Follow Lockmaster's verbal instructions Tie-up to floating dock inside the lock on starboard side. Rafting may be required			MILE 71	Carillon Lock UP 65feet	S
		9	MILE 60	Long Sault Bridge	
Keep right after Long Sault Bridge. Locate buoy H245	320		G"H245"	Buoy	P
Channel makes an 'S'-curve.	280		G"H247"	Buoy	P
<i>Ottawa River</i>	325	1	R"H258"	Buoy	S
turn left.		0	G"H259"	Buoy	P
GO TO WP C20	269	2	R"H266"	N45-37.8 W74-41.2 Buoy	S
GO TO WP C21	293	5	R"H282"	N45-38.35W74-47.0 Buoy	S
Ferry crossing: Mile 46		8	MILE 42	Chateau Montebello Marina	S
One mile after buoy H314, entrance to anchorage is marked by RGR Buoy "PAP". Enter bay then turn west.		3	MILE 39.5	Baie de la Pentecote Anchorage	S
		9	R"H356"	Buoy	S
Turn right. Channel passes between two islands to the north shore of the Ottawa River	328	1	G"H361"	Buoy	P
Ferry crossings: Mile 26 & Mile 17 Ferry at mile 26 is a cable ferry.		24	KET	Red over Green BUOY	S
Bear left after buoy 'KET'		5	MILE 1	McDonald-Cartier Bridge	
Marina channel 68 or 819 595 7390				Hull Marina Gatineau, QC	S

<u>Notes</u>	<u>Course</u> MAG	<u>Miles</u>	<u>Aid To Navigation</u>		
		0	MILE 0	Alexandria Bridge	
Leave Ottawa River. Turn left to <i>Rideau Canal</i>				Locks 1/8 UP 79ft Ottawa	
Wooden Dock				Overnight Dock Ottawa, ON	P
Rideau Canal: Tie up at BLUE LINE to await Lockage Lockmasters do not monitor radio. Locks have several plastic coated cables secured at the top & bottom. Loop your line around cables bow & stern.		1		Pretoria Lift Bridge REQUEST OPEN Ch. 14 Phone: 613 233 2709	
		3	MILE 4	Locks 9/10 UP 21ft Hartwell	
Lock 12 is always open. Wait until swing bridge is open. No openings 12:30 - 1:15pm		1	MILE 5	Locks 11/12 Swing Bridge	
<i>Rideau River</i> - Red ATONs to starboard		4	MILE 9	Lock 13 UP 9ft Black Rapids	
Go to right side of lock wall to overnight wooden dock. More docks after the locks		5	MILE 14	Overnight Dock Long Island	
		0		Locks 14/15/16 Long Island	
Marina is just before Kars Bridge.		8	MILE 23	Hurst Marina	P
Bridge clearance on Rideau Canal is 22ft		0	MILE 23	Kars Hwy Bridge	
		6	MILE 29	Hwy 416 Bridge	
		3	MILE 32	Becket's Hwy Bridge	
		7	R"N234"	TRIANGLE	P*
*Go to right side of island to overnight floating dock. More docks after the lock			MILE 40	Overnight Dock Burritt's Rapids	
Lockmaster will open swing bridge 0.5mi ahead for boats over 10 feet.		0		Lock 17 Swing bridge	
		3	MILE 43	Locks 18, 19, 20	
		2	MILE 46	Locks 21, 22, 23 Swing Bridge	
		0	NMA	Red over Green BUOY	P*
*Follow marked channel beginning before Buoy 'NMA' to buoy NM10				Town Dock Merrickville	

Notes	Course MAG	Miles	Aid To Navigation		
Return to Buoy 'NMA'		8	MILE 54	Lock 24 UP 2ft Kilmarnock	
		4	MILE 58	Lock 25 UP 9ft Edmunds	
		2	MILE 59	Locks 26/27 Swing Bridge	
			NFS1	Green over Red BUOY	P
Red buoys on port side mark a side channel		1	R"N498"	TRIANGLE painted on wall	S
Old abandoned lock on port side. Head towards Triangle painted on wall		0	MILE 60	Smiths Falls Combined Lock	
Victoria Park Marina (Fee)-Four floating docks port side Docks: Port side - far side of lock wall leaving the lock Starboard - adjacent to a park after the dam				Smiths Falls, ON	P
		0	R"N502"	TRIANGLE	S
Tie up at Blue Line to wait for Abbot Street Bridge. Check posted opening times.				Abbot Street Swing Bridge 6ft	
				Smiths Falls Detached Lock	
		2	MILE 63	Lock 32 UP 6ft Poonamalie	
<i>Lower Rideau Lake</i>		5	R"N598"	Buoy	S
Two Red over green buoys on starboard side mark a side channel to Tay Canal	234	1	MILE 69	Rideau Ferry Bridge 22 feet	
<i>Big Rideau Lake</i>	243	1	G"N609	SQUARE	P
		1	R"N614"	TRIANGLE	S
Pass daymark N615 and continue to N617	221	1	G"N617"	SQUARE	P
<i>Rocky Narrows</i>	200	1	R"N620"	TRIANGLE	S
GO TO WP C22 Large Buoy NPA pass either side	218	3	R"N626"	N44-44.5 W76-14.0 TRIANGLE	S
GO TO WP C23	236	3	R"N630"	N44-43.0 W76-16.0 TRIANGLE	S
Locate buoy N634 one mile ahead		1	MILE 82	Lock 35 UP 3ft Narrows Lock	

Notes	Course MAG	Miles	Aid To Navigation		
Leave Main Route. Follow secondary route. A RED Triangle on port side marks the main route	248	1		The Sisters Islands (Three small islands)	S
Locate two green spar buoys a mile ahead	257	1	G"NW3"	Spar Buoy	P
Continue parallel to north shore		2	G"NW11"	SQUARE	P
Call Harbour Master for docking instructions, Channel 68 613 273 8621				Westport Public Docks	
Return to spar buoy G"NW3"			G"NW3"	Spar Buoy	S
Curve right into McNallys Bay 1 mile ahead. Locate red and green daymarks in south corner	135		R"N648"	TRIANGLE	S
Highest Level of Rideau Canal - 407ft		1	MILE 87	Lock 36 DOWN 8ft Newboro	
Turn right (south) when leaving Lock. Green ATONs to starboard		1	R"S394"	TRIANGLE	P
Bear left between red & green buoys. Continue to daymark S383		1	G"S383"	SQUARE	S
Pass between triangle daymark S382 (port) and Goat Island then sharp left turn at square daymark.			G"S379"	SQUARE	S
Clear Lake	148		R"S374"	TRIANGLE	P
Hand-operated cable ferry crossing			G"S369"	BUOY	S
Turn sharp right then bear left parallel to port shore			MILE 92	Lock 37 DOWN 11ft Chaffey's Lock	
Turn left at daymark S340 one mile ahead		1	R"S340"	TRIANGLE	P
Pass between Square daymark S333 (stbd) and red buoy S334 (port)			G"S333"	SQUARE	S
Overnight floating docks before the lock. Prettiest stop on Rideau Canal			MILE 94	Lock 38 DOWN 9ft Davis Lock	P
Follow two Triangle daymarks across Sand Lake to buoy S307		2	G"S307"	BUOY	S
Channel curves to the right then left into a very narrow passage		1	G"S299"	SQUARE	S
The Quarters				Hwy Bridge 23 feet	
Two floating docks above the dam, 300 yards before Lock 39		0	MILE 99	Overnight Dock Jones Falls	P

Notes	Course	Miles	Aid To Navigation		
	MAG				
Two floating docks. The dam is behind these docks. Some dock before Lock 39. Hotel Kenney docks after Lock 42 (fee).		0		Lock 39 Locks 40/41/42	
Enter anchorage between a red buoy (port) and a green buoy (starboard).		1		Morton Bay Anchorage	P
<i>Whitefish Lake</i>			G"S271"	SQUARE	S
	199	1	G"S267"	SQUARE	S
Pick out Square daymark marking entrance to Murphy's Narrows			G"S263"	SQUARE	S
Turn right after buoy S252 one mile ahead		1	R"S252"	Buoy	P
Pass between daymarks S246 & S243			G"S243"	SQUARE	S
Channel span is close to starboard shore. No Radio		2	MILE 106	Brass Point Swing Bridge 4ft REQUEST OPEN	
Follow two green SQUARE daymarks across Cranberry Lake		2	G"S225"	SQUARE	S
After TRIANGLE daymark S222, pick out SQUARE daymark marking narrow channel on left shore.		1	G"S217"	SQUARE	S
Overnight floating dock before the lock.		1	MILE 110	Overnight Dock Upper Brewers	P
		0	MILE 110	Lock 43/44 Upper Brewers	
<i>Cataraqui River</i>		2	MILE 111	Swing Bridge Lock 45	
Overnight dock after Lock 45		0		Lower Brewers	P
Stumps and deadheads on both sides of channel		10	MILE 121	Lock 46 Swing Bridge Locks 47/48/49	
Fixed Bridge (left) has 14ft clearance. Bascule Bridge (center) opens hourly except noon, 4pm & 5pm.		4	MILE 125	La Salle Causeway	
Marina entrance is to the right of this daymark	200			White column GREEN top	
Call marina on channel 68				Confederation Basin Kingston, ON	S
Great Loop continues on page 61.					

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