

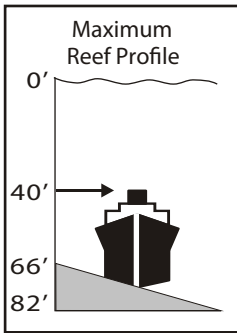


Axel Carlson Reef

DGPS

From	Shark River Inlet	Manasquan Inlet
Compass bearing	191 ^o	166 ^o
Distance (n.m.)	6.5	4.4

Distance offshore ----- 2.1n.m.
 Reef area ----- 4.0 sq. mi.
 Depth range ----- 66-80 ft.



DRIFT FISHING AREA
 Recommend no diving or anchoring



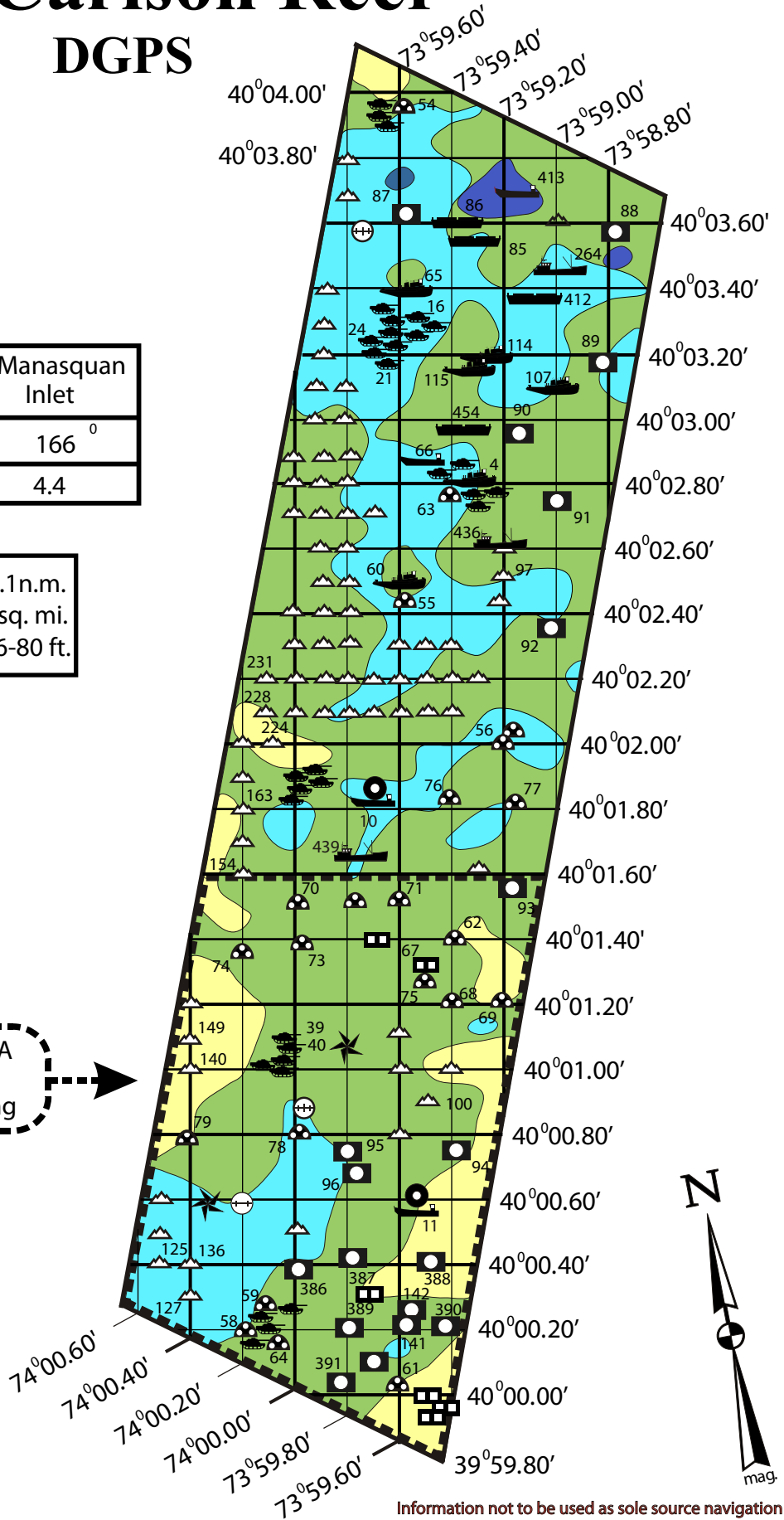
Dive at your own risk

Depth Contours

- 65 - 70 ft
- 70 - 75 ft
- 75 - 80 ft
- 80 - 85 ft



Nautical Miles



Information not to be used as sole source navigation

AXEL CARLSON REEF COORDINATES

ID - YEAR SUNK, NAME, STRUCTURE	DGPS	SPONSORS
4-96, Colleen GPPCBA/Budweiser Reef, 92' Tug	4002.794 7359.350	Greater Pt. Pleasant Charter Boat Assoc., Budweiser, Crown Distributers
10-97, Capt. Ed Schmidiger, 165' Tanker Barge	4001.832 7359.677	Schmidiger and Donohoe
11-97, Ocean Wreck Divers III, 165' Tanker Barge	4000.587 7359.555	Ocean Wreck Divers
16-98, Joseph M. Doherty Reef, Tank	4003.270 7359.558	Friends and Family, N.J. Army National Guard
21-98, Manasquan Fishing Club Reef, Tank	4003.203 7359.663	Manasquan Fishing Club N.J. Army National Guard
24-98, The Explorer, Tank	4003.225 7359.672	The Explorer's Club N.J. Army National Guard
39-98, Wasabi Reef, 2 Tanks	4001.085 7400.045	Capt. Arthur and Kelly Stokes
54-00, TNT Reef, Reef Balls	4003.940 7359.600	Thomas and Theresa DePaola
55-00, Bayhead Shores Fishing Club Memorial Reef, Reef Balls	4002.430 7359.580	Bayhead Shores Fishing Club
56-00, Sally Sheeran Reef, Reef Balls	4001.980 7359.200	David D. Bender
58-00, Sea Gypsies Reef, Reef Balls	4000.180 7400.160	New York City Sea Gypsies
59-00, Dive Council Reef, Reef Balls	4000.230 7400.120	N.J. Council of Dive Clubs
60-00, McGurr's Tug, 85' Tug	4002.473 7359.599	Ocean Wreck Divers
61-00, Thal's Fin-Alley, Reef Balls	4000.015 7359.600	James W. Thal
62-00, Billy L. Sidney Reef, Reef Balls	4001.390 7359.390	Wanda Sidney and Friends
63-00, GPPCBA Reef, Reef Balls	4002.79 7359.35	Greater Pt. Pleasant Charter Boat Association
64-00, Salty Rinse, Reef Balls	4000.18 7400.10	Robert C. Shawger, Jr.
65-00, Joan LaRie III, 95' Tug	4003.39 7359.55	Friends of Norma K
66-01, Jim Lynch, 178' Tanker Barge	4002.84 7359.58	Greater Pt. Pleasant Charter Boat Association

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AXEL CARLSON REEF COORDINATES (continued)

ID - YEAR SUNK, NAME, STRUCTURE	DGPS	SPONSORS
67-07, Norma K Rock Pile, Concrete	4001.31 7359.48	Friends of Norma K
68-01, Vivian Johnson Reef, Reef Balls	4001.20 7359.40	Les and Georgette Johnson
69-01, DVD/Feyti Reef, Reef Balls	4001.20 7359.20	Delaware Valley Divers and Joe Feyti
70-02, Bolger Reef, Reef Balls	4001.55 7359.99	Gerard Bolger
71-02, Sam and Carly's Reef, Reef Balls	4001.54 7359.60	Communications Cable Services Inc.
73-02, Jim Dwyer/John Walton Reef, Reef Balls	4001.38 7359.98	Jim Dwyer
74-02, Karpowicz Brothers Reef, Reef Balls	4001.35 7400.20	John Karpowicz
75-02, Manasquan River Marlin and Tuna Club Reef I, Reef Balls	4001.27 7359.48	Manasquan River Marlin and Tuna Club
76-02, E.J. Lejeune Memorial Reef, Reef Balls	4001.82 7359.40	Joe and Linda Lejeune and Friends
77-02, Ken Hall Memorial Reef, Reef Balls	4001.81 7359.16	Friends and Co-workers
78-02, Visceglia Reef, Reef Balls	4000.80 7359.99	Summit Associates Inc.
79-02, Michael P. Sendecki Reef, Reef Balls	4000.78 7400.40	Family and Friends
85-03, Barbara Ann, 75' Deck Barge	4003.562 7359.300	Njscuba.com, Les Swenson
86-03, Patrick S. Murphy, 50' Deck Barge	4003.585 7359.391	CBS Friends of Patrick Murphy, Les Swenson
87-03, Robert "Bob" Koch Reef, Concrete Castings	4003.62 7359.59	North East Mako Owners Club
88-03, Manasquan River Marlin & Tuna Club Reef II, Concrete Castings	4003.57 7358.79	Manasquan River Marlin and Tuna Club
89-03, Manasquan River Marlin & Tuna Club Reef II, Concrete Castings	4003.17 7358.82	Manasquan River Marlin and Tuna Club
90-03, Greater Pt. Pleasant Charter Boat Assoc. Reef II, Concrete Castings	4002.96 7359.15	Greater Pt. Pleasant Charter Boat Assoc., Crown Distributers, Budweiser

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AXEL CARLSON REEF COORDINATES (continued)

ID - YEAR SUNK, NAME, STRUCTURE	DGPS	SPONSORS
91-03, Greater Pt. Pleasant Charter Boat Assoc. Reef III, Concrete Castings	4002.75 7359.00	Greater Pt. Pleasant Charter Boat Assoc., Crown Distributers, Budweiser
92-03, Greater Pt. Pleasant Charter Boat Assoc. Reef IV, Concrete Castings	4002.36 7359.02	Greater Pt. Pleasant Charter Boat Assoc., Crown Distributers, Budweiser
93-03, JCSA-RBBC Reef, Concrete Castings	4001.56 7359.18	Jersey Coast Shark Anglers, Riviera Beach Boat Club
94-03, Grady White Reef, Concrete Castings	4000.75 7359.39	N.J. Grady White Mariners Club
95-03, Margaret Delanoy Reef, Concrete Castings	4000.75 7359.80	Family and Friends
96-03, Visceglia Reef II, Concrete Castings	4000.70 7359.77	John B. Visceglia
97-03, Captain Donna's Ridge, Rock Mountain	4002.423 7359.207	Greater Point Pleasant Charter Boat Association
100-04, Marut Peak, Rock Mountain	4000.92 7359.50	The Marut Family
107-04, Veronica M, 110' Tow Boat	4003.104 7359.034	Herb Segars and Ann E. Clark Foundation
114-05, MRMTC Members Memorial Reef, 100' Tug Boat	4003.187 7359.283	Manasquan River Marlin and Tuna Club and Ann E. Clark Foundation
115-05, Four of Clubs, 75' Tow Boat	4003.181 7359.310	Delaware Valley Divers, Ocean Wreck Divers, MRM&TC and Ann E. Clark Foundation
125-05, Lyons' Family Reef, Rock Mountain	4000.30 7400.46	Lyons Family
127-05, Jen's Retreat, Rock Mountain	4000.33 7400.40	Family and Friends
136-05, Joseph Ertle Memorial Reef, Rock Mountain	4000.43 7400.40	Family
140-05, Joseph and Marie Ertle Memorial Reef, Rock Mountain	4001.00 7400.40	Family
141-05, Drifters Reef, Concrete Castings	4000.219 7359.584	GPPCBA, MRM&TC and Ann E. Clark Foundation
142-05, Captain Ken Keller Reef, Concrete Castings	4000.245 7359.575	Family and Friends of Captain Ken Keller
149-05, Bomber's Ridge, Rock Mountain	4001.13 7400.39	Bobby and Hannah Helbig, Callie and Andrea Wilber

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AXEL CARLSON REEF COORDINATES (continued)

ID - YEAR SUNK, NAME, STRUCTURE	DGPS	SPONSORS
154-05, John Sofield Memorial Reef, Rock Mountain	4001.62 7400.20	Family and Friends
163-05, John and Paul Modliszewski Memorial Reef, Rock Mountain	4001.84 7400.20	Jim Modliszewski
224-05, John "Butch" Karpowicz Reef I, Rock Mountain	4002.00 7400.10	Family and Friends
228-05, John "Butch" Karpowicz Reef II, Rock Mountain	4002.10 7400.10	Family and Friends
264-06, Lucky 7, 65' Commercial Fishing Boat	4003.452 7358.985	Manasquan River Marlin and Tuna Club
386-06, Mako Mania Reef I, Concrete Castings	4000.391 7359.996	Mako Mania Shark Tournament and Ann E. Clark Foundation
387-06, Mako Mania Reef II, Concrete Castings	4000.418 7359.783	Mako Mania Shark Tournament and Ann E. Clark Foundation
388-06, Mako Mania Reef III, Concrete Castings	4000.405 7359.482	Mako Mania Shark Tournament and Ann E. Clark Foundation
389-06, Mako Mania Reef IV, Concrete Castings	4000.205 7359.789	Mako Mania Shark Tournament and Ann E. Clark Foundation
390-06, Mako Mania Reef V, Concrete Castings	4000.209 7359.423	Mako Mania Shark Tournament and Ann E. Clark Foundation
391-06, Mako Mania Reef VI, Concrete Castings	4000.017 7359.809	Mako Mania Shark Tournament and Ann E. Clark Foundation
412-06, MRMTC # 8, 90' Deck Barge	4003.387 7359.086	Manasquan River Marlin and Tuna Club
413-06, MRMTC #9, 178' Tanker Barge	4003.689 7359.165	Manasquan River Marlin and Tuna Club
436-06, Angelo's Reef, 63' Commercial Fishing Boat	4002.625 7359.205	Greater Pt. Pleasant Chart Boat Association
439-07, MRMTC #10, 74' Commercial Fishing Boat	4001.650 7359.747	Manasquan River Marlin and Tuna Club
454-08, Gus Grafus Memorial Reef, 100' Deck Barge	4002.970 7359.372	Larry Grafus and Mike Sonta

FACT: Axel Carlson Reef site contains 1,117,980 cubic yards of dredge rock material. Ninety-seven percent of the reef material on Axel Carlson Reef is rock.



Lucky 7 is one of two commercial fishing boats found on the Axel Carlson reef site.