



2015 GBCA Performance Cup Regatta & J/24 Circuit Stop

Galveston Bay

March 21st and 22nd, 2015

Galveston Bay Cruising Association

1500 Marina Bay Dr. Suite 1592 Building #113B, Clear Lake Shores, TX 77565



Sailing Instructions

1. Rules

The regatta will be governed by the *rules* as defined in the current 2013-2016 *Racing Rules of Sailing*, The Notice of Race, and these Sailing Instructions.

2. Notices to Competitors

Notices to competitors will be posted on-line at:

https://www.regattanetwork.com/clubmgmt/applet_club_events.php?CLUB_ID=162 .

3. Changes to Sailing Instructions

Any change to the sailing instructions, schedule of races, or notice of race will be posted before 2200 on the day prior to the day it will take effect.

4. Race Schedule

- 4.1 The Competitors meeting will be 1900 hours Friday March 20th, 2015.
The warning gun for the first race will be no earlier than 1100 hours both days.
Subsequent races for each class will follow as soon as possible after the end of the previous race with the intent to run as many races as possible.
- 4.2 The class starting order for the *first* race and the class flags are shown in Appendix A.

5. Racing Area

The racing area will be between Seabrook Channel Marker No. 2 and the Houston Ship Channel, and between San Leon and The Bayport Ship Channel. Boats shall not enter the Houston Ship Channel or Bayport Ship Channel while *racing*. The Houston Ship Channel and The Bayport Ship Channel are designated as obstructions.

6. Courses and Marks

6.1 Windward/Leeward Courses

There will be 2 Windward/Leeward race areas, designated "A" and "B" The boats sailing in each area are designated in Appendix A.

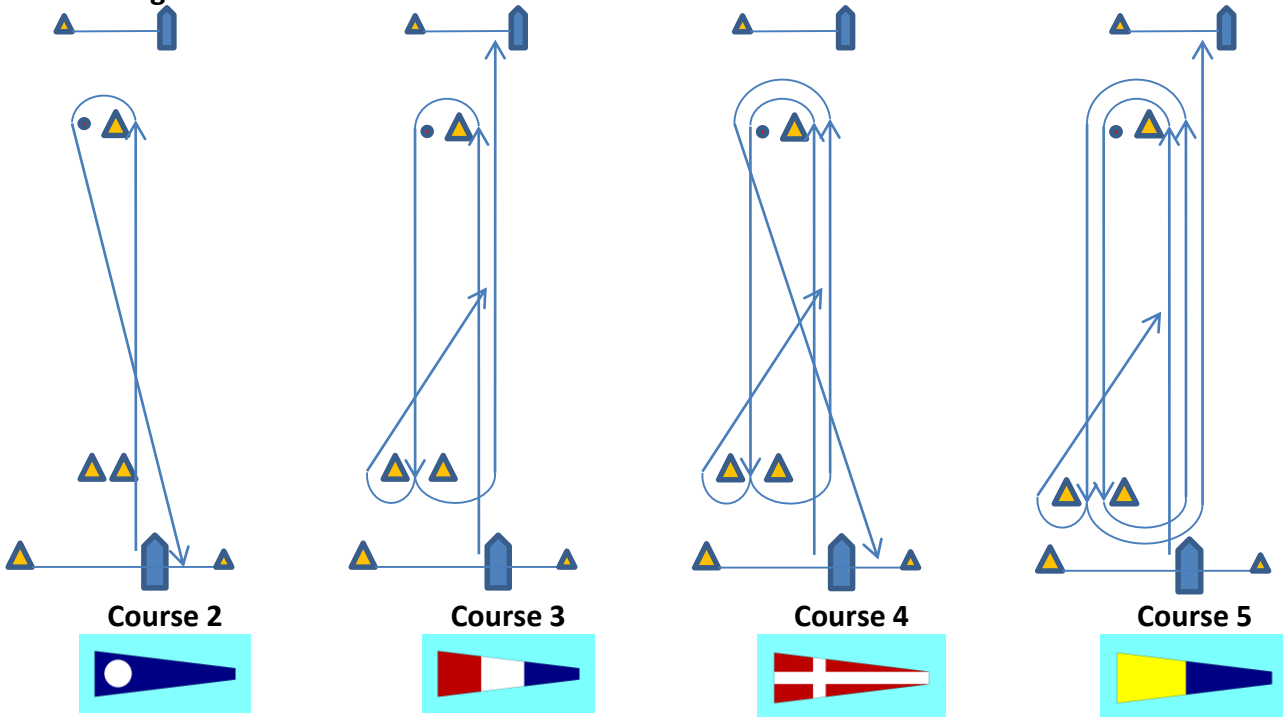
The Starting line for Area "A" will be located at approximately ½ mile south of Clear Creek Channel Mark 1.

The starting line for Area "B" will be located at approximately 1 mile north of Clear Creek Channel Mark 2.

Marks will be orange and yellow tetrahedrons. The original course weather turning marks will be orange. Change of course weather marks will alternate between yellow and orange. Gates will be yellow. Starting and finishing marks may be yellow, offset marks may be orange or red.

6.1a The number of legs (2-5) to be sailed will be signaled by a numeral pennant correlating with the course diagrams below. The approximate heading and distance to the windward mark may be displayed on a white board on the committee boat.

Course Diagrams



6.1b The leeward gate will be set approximately 0.1 nm on the course side of the starting line. The windward finish will be set approximately 0.1nm beyond the windward mark. Leeward gate maybe left to either side after passing between the gate.

6.1c Windward turning marks and any offset mark shall be left to port.

6.1d For the first leg of all courses and the last leg of a leeward finish, the leeward gate is not considered to be a mark of the course. For the last leg of a windward finish, the windward mark is not considered to be a mark of the course. This does not apply in the case of a shortened course where these marks are used as the finish line. (Reference SI 10 for shorten course.)

6.1e The One-design and PHRF handicap fleets will only sail Windward-leeward courses.

6.3 Fixed Mark Courses

Fixed mark courses will be signaled by numerical pennants (11-13), correlating with the course diagrams and mark rounding directions in Appendix B. Fixed mark courses will use marks “E”, “H” and/or “M54”. Approximate coordinates and description of the marks are:

Mark	Approximate Coordinate	Description
Start/Finish	N 29° 32.567' W 094° 59.545'	<i>Start: Start line described in 8.1 Finish: Finish line described in 11.1c</i>
E	N 29° 35.787' W 094° 56.935'	<i>The Low Range Marker (Upper Range “A”) in Galveston Bay. The mark is an orange and white structure near Houston Ship Channel Marker #73, 0.23 nm NNW of the old low range.</i>
H	N 29° 33.255'	<i>A platform located in Galveston bay, approximately 1.3</i>

	W 094° 56.542'	<i>nm WSW of the Houston Ship Channel marker #65.</i>
M54	N 29° 30.814' W 094° 54.963'	<i>Galveston Shellfish Harvesting Boundary Marker</i>
Todville Rd beach Tet	N 29° 34.500' W 094° 59.300'	<i>A dropped anchored 8' Tetrahedron</i>
San Leon beach Tet	N 29° 31.570' W 094° 57.400'	<i>A dropped anchored 8' Tetrahedron</i>

6.4 If there is time for additional distance races, the new starting hour for the next pursuit start sequence will be announced by VHF radio channel 69.

6.5 The Cruising club fleet will only sail Fixed mark courses.

7. Check In

Before the warning signal of the first race of each day, each boat shall sail past the stern of the Race Committee boat on starboard tack and hail the boat's name or sail number until acknowledged by the Race Committee.

8. The Start

8.1 The starting line will be between the staff displaying an orange flag on the Race Committee boat on the starboard end and the course side edge of the port end starting mark. The Race Committee may trail a float and line astern of the Race Committee boat which shall be considered as part of the committee boat.

8.2 Boats whose preparatory signal has not been made shall keep clear of the starting area and of all boats whose preparatory signal has been made.

8.3 Any class subjected to a General Recall may be restarted after the last scheduled start for that race. This modifies RRS 29.2.

8.4 The Fixed mark courses are pursuit starts, where the boat handicap is accounted for at the start of the race. The time of start for each boat with a given handicap is provided in Appendix B. Times are to be taken from local time as indicated on a GPS. Note: There will be no class flag. The only indication of the course will be as described in Instruction 6.3 This changes rule 26 for the Cruising Club handicap fleet only.

9. Change of the Next Leg of the Course

If the Race Committee displays the "C" code flag with one or more class flags, the course change applies only to those classes. If the "C" code flag is flown alone, all classes will sail the changed course. This modifies RRS 33.

10. Shorten Course

If the Race Committee displays the "S" code flag with one or more class flags, the shortened course applies only to those classes. If the "S" code flag is flown alone, all classes will sail the shortened course. This modifies RRS 32.

11. The Finish

11.1 The finish line will be:

11.1a for a leeward finish, between the staff displaying a blue flag on the Race Committee signal boat on the starboard end and the course side edge of the port end finish mark; side opposite from the starting line.

11.1b for a windward finish, between the staff displaying a blue flag on the Race Committee mark set boat on the starboard end and the course side edge of the nearby port end mark, set 0.1 nm beyond the windward mark of that class's course.

- 11.1c for the distance course finish, between the staff displaying a blue flag on the Race Committee signal boat on the starboard end and the course side edge of the port end finish mark; side opposite from the starting line.

12. Time Limit

- 12.1 The time limit for Windward/Leeward courses, shall be ninety minutes or thirty minutes after the first boat properly sails the course and finishes, whichever is longer. Fixed Mark courses will not have time limits.
- 12.2 Boats exceeding the time limit will be scored Did Not Finish. This modifies RRS 35.

13. Safety

- 13.1 A boat that retires from a race prior to finishing shall notify the Race Committee as soon as practicable on VHF channel 69 for Line A and VHF channel 71 for line B. If radio communication is unavailable, call the Race Committee phone number: 281.216.4082 and leave a message.
- 13.2 Attention is called to RRS 4: Decision to Race, "The responsibility for a boat's decision to participate in a race or to continue *racing* is hers alone."

14. Protests

The protest and redress procedures for this regatta will utilize basic elements of the new RRS Appendix T, a US Sailing Prescription. Protests shall be communicated to the Race Committee by VHF channel 69 or 71 before leaving the race area and must be filed in writing prior to 2 hours after the signal boat docks on the day of protest. Docking time will be posted per Sailing Instruction 2. This modifies RRS 61.

15. Scoring

The Low Point system, RRS Appendix A will apply. One race constitutes a series. There will be no throw-outs. This modifies RRS A2

17. Communication

- 17.1 Radio communication for **Line A** will be conducted on **VHF channel 69**.
Radio communication for **Line B** will be conducted on **VHF channel 71**.
- 17.2 The Race Committee will attempt to monitor and may make courtesy announcements on the designated VHF channel for that line. The failure of the Race Committee to make announcements or the manner in which announcements are made will not be grounds for redress. This modifies RRS 62.1(a).
- 17.3 In addition to signaling Individual Recalls in accordance with RRS 29.1, as a courtesy, the Race Committee will attempt to broadcast the names or sail numbers of boats that have started early. Failure to make such a broadcast, failure of a boat to receive that broadcast, a boat's order in that broadcast, or the promptness of that broadcast will not be grounds for redress. This modifies RRS 62.1(a).
- 17.4 If a weather-related postponement is required it will be announced at 1000 on the designated VHF Channel for that line.

Addendum to Sailing Instructions

For the J/24 Fleet

The Sailing Instructions for the J/24 Class shall be amended as follows. Where there is conflict between the Sailing Instructions and this addendum, this addendum shall govern.

Rules

This regatta is also governed by the Notice of Circuit for the J/24 Texas Circuit.

All yachts must have a current, valid Measurement Certificate per Class Rule 2.5.3. Any yacht without a valid Measurement Certificate may only race with the prior approval of the USJCA District Governor or its designated representative. This changes class rule 2.5.3. However, all yachts must complete and carry aboard while racing the *Inventory of Required and Optional Equipment* per Class Rules 2.5.6 and 3.7.3.

RRS 42.3(c) is deleted and replaced by Class Rule 8.2.

Schedule of Races

A maximum of Six (6) races shall be sailed.

Scoring

A minimum of three (3) races must be completed for this event to be considered a regatta for purposes of scoring in the overall J/24 Texas Circuit series.

No race scores will be excluded. This modifies RRS A2.

Penalty System

The 20% Scoring Penalty, as provided in RRS 44.3 as modified herein, will apply to boats that may have broken one or more rules of Part 2. The One-turn as provided in RRS 44.1 will apply to boats that may have broken RRS 31.

RRS 44.3(a) is modified such that the boat taking a Scoring Penalty shall conspicuously display a yellow flag (Code Flag I acceptable), and the flag shall have a hoist of at least 150mm and a fly of at least 200mm and shall be flown from a leg of the backstay adjuster above the deck.

After-Race Scoring Penalty – A boat that may have broken a rule of Part 2 or RRS 31 while racing may take a penalty after racing and prior to the start of a protest hearing involving the incident. Her penalty shall be a Scoring Penalty of 40% calculated as described in RRS 44.3(c). However, rules 44.1(a) and 44.1(b) shall apply. A boat accepting an After-Race Scoring Penalty shall notify the protest committee representative in before the beginning of a hearing involving the incident.

Protests

RRS 61(a) is modified such that a protesting boat shall conspicuously display a red flag (Code Flag B is acceptable) with a hoist of at least 150mm and a fly of at least 200mm and shall be flown from a leg of the backstay adjuster above the deck.

Haul-Out Restrictions

Boats shall not be hauled out during the regatta except with prior written permission of the protest committee. However, in the case of emergency, permission may be granted retroactively.

Diving Equipment, Plastic Pools and Careening Restrictions

Underwater breathing apparatus and plastic pools or their equivalent shall not be used around boats between the time they are launched and the end of the regatta.

Careening by any means for the purposes of cleaning or inspecting the hull is prohibited.

The hull may be cleaned by swimming or keelhauling using ropes or cloth.

Crew Substitution or Sail Replacement

All crews must consist of at least three (3) persons with weight not exceeding 400 kg (882 lbs). All competitors will be weighed during registration and the crew shall remain the same for all races. Any crew substitution requires written permission of the Governor or his designated representative, which will be given only in exceptional cases.

Replacement of damaged sails will not be allowed unless authorized by the Governor or his designated representative. Requests for sail replacement shall be made to the Governor at the first reasonable opportunity.

Replacement sails shall comply with IJCA Class Rules.

Any replies to crew substitution or sail replacement shall be posted on the Official Notice Board.

Inspection

A boat or equipment may be inspected at any time for compliance with Class Rules and Sailing Instructions.

Appendix A
2015 Performance Cup Regatta
& J/24 Circuit Stop
First Race Starting Order / Class Flags

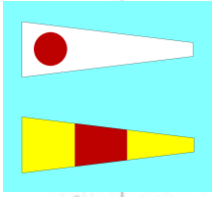
Area A (South of Clear Creek channel)

Fleet	Flag
J/109	J109 (blue on white)
Cruising Club class	N/A
J/105	J105 (blue on yellow)
PHRF Spin	Purple

Area B (North of Clear Creek channel)

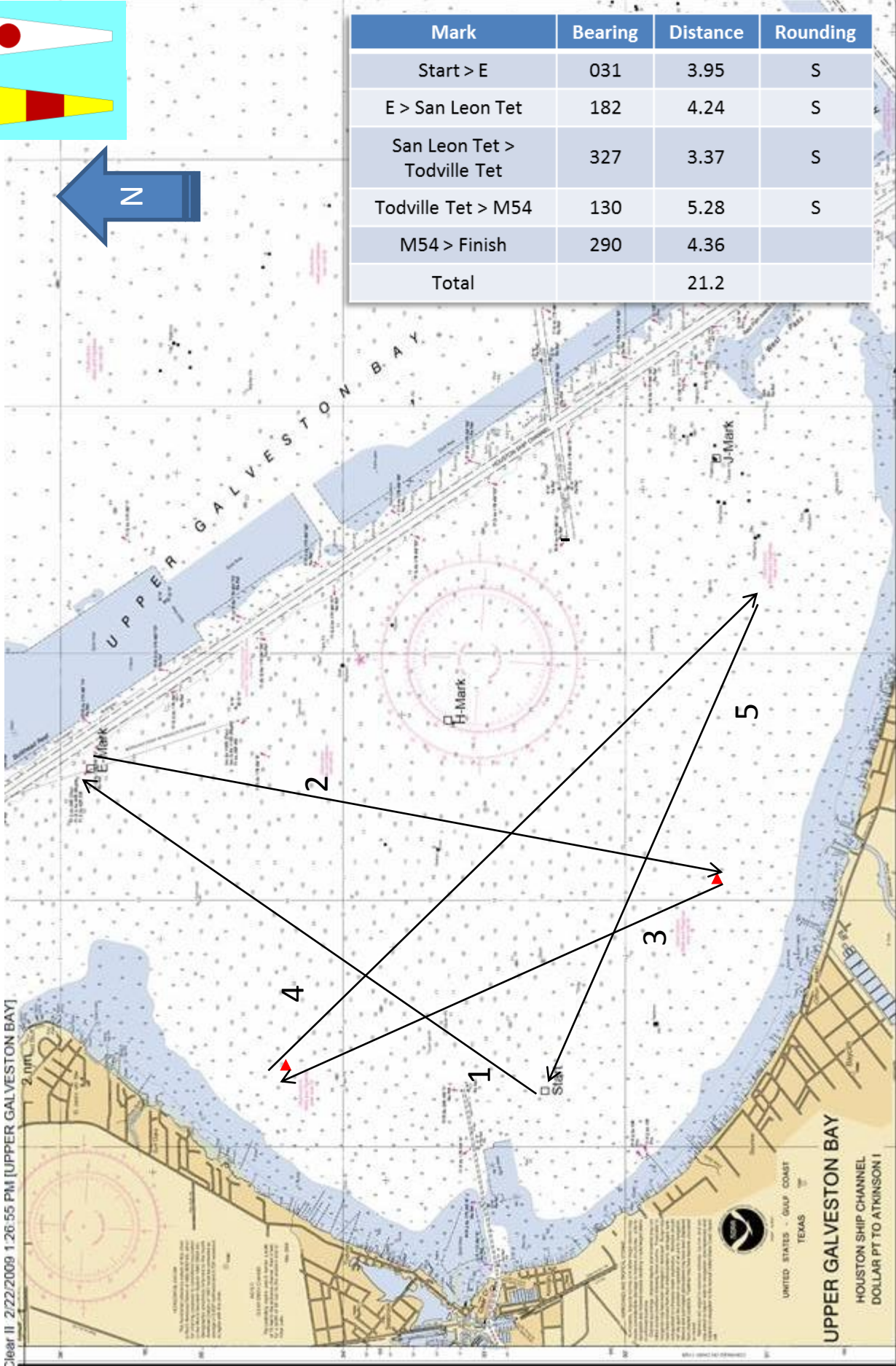
Fleet	Flag
J/70	Yellow
J/24	J/24 (blue on white)
J/22	Pink

Appendix B - Course 10



Mark	Bearing	Distance	Rounding
Start > E	031	3.95	S
E > San Leon Tet	182	4.24	S
San Leon Tet > Todville Tet	327	3.37	S
Todville Tet > M54	130	5.28	S
M54 > Finish	290	4.36	
Total		21.2	

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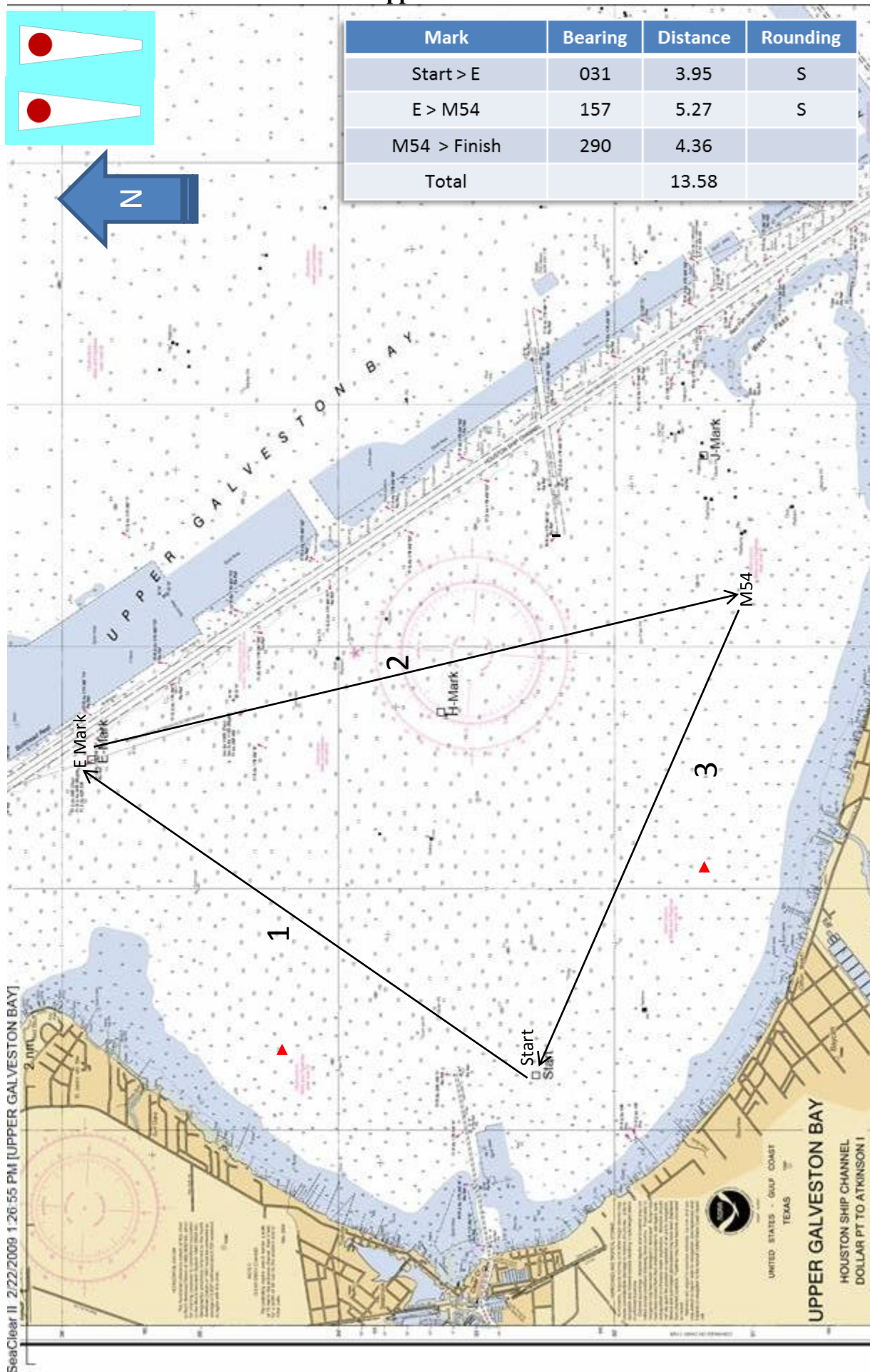


UNITED STATES - GULF COAST
TEXAS
UPPER GALVESTON BAY
HOUSTON SHIP CHANNEL
DOLLAR PT TO ATKINSON I

Appendix B - Course 10

PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start
285	11:00:00	240	11:15:54	194	11:32:09	149	11:48:03	104	12:03:57	59	12:19:51
284	11:00:21	238	11:16:36	193	11:32:30	148	11:48:24	103	12:04:18	58	12:20:12
283	11:00:42	237	11:16:58	192	11:32:52	147	11:48:46	102	12:04:40	57	12:20:34
282	11:01:04	236	11:17:19	191	11:33:13	146	11:49:07	101	12:05:01	56	12:20:55
281	11:01:25	235	11:17:40	190	11:33:34	145	11:49:28	100	12:05:22	55	12:21:16
280	11:01:46	234	11:18:01	189	11:33:55	144	11:49:49	99	12:05:43	54	12:21:37
279	11:02:07	233	11:18:22	188	11:34:16	143	11:50:10	98	12:06:04	53	12:21:58
278	11:02:28	232	11:18:44	187	11:34:38	142	11:50:32	97	12:06:26	52	12:22:20
277	11:02:50	231	11:19:05	186	11:34:59	141	11:50:53	96	12:06:47	51	12:22:41
276	11:03:11	230	11:19:26	185	11:35:20	140	11:51:14	95	12:07:08	50	12:23:02
275	11:03:32	229	11:19:47	184	11:35:41	139	11:51:35	94	12:07:29	49	12:23:23
274	11:03:53	228	11:20:08	183	11:36:02	138	11:51:56	93	12:07:50	48	12:23:44
273	11:04:14	227	11:20:30	182	11:36:24	137	11:52:18	92	12:08:12	47	12:24:06
272	11:04:36	226	11:20:51	181	11:36:45	136	11:52:39	91	12:08:33	46	12:24:27
271	11:04:57	225	11:21:12	180	11:37:06	135	11:53:00	90	12:08:54	45	12:24:48
270	11:05:18	224	11:21:33	179	11:37:27	134	11:53:21	89	12:09:15	44	12:25:09
269	11:05:39	223	11:21:54	178	11:37:48	133	11:53:42	88	12:09:36	43	12:25:30
268	11:06:00	222	11:22:16	177	11:38:10	132	11:54:04	87	12:09:58	42	12:25:52
267	11:06:22	221	11:22:37	176	11:38:31	131	11:54:25	86	12:10:19	41	12:26:13
266	11:06:43	220	11:22:58	175	11:38:52	130	11:54:46	85	12:10:40	40	12:26:34
265	11:07:04	219	11:23:19	174	11:39:13	129	11:55:07	84	12:11:01	39	12:26:55
264	11:07:25	218	11:23:40	173	11:39:34	128	11:55:28	83	12:11:22	38	12:27:16
263	11:07:46	217	11:24:02	172	11:39:56	127	11:55:50	82	12:11:44	37	12:27:38
262	11:08:08	216	11:24:23	171	11:40:17	126	11:56:11	81	12:12:05	36	12:27:59
261	11:08:29	215	11:24:44	170	11:40:38	125	11:56:32	80	12:12:26	35	12:28:20
260	11:08:50	214	11:25:05	169	11:40:59	124	11:56:53	79	12:12:47	34	12:28:41
259	11:09:11	213	11:25:26	168	11:41:20	123	11:57:14	78	12:13:08	33	12:29:02
258	11:09:32	212	11:25:48	167	11:41:42	122	11:57:36	77	12:13:30	32	12:29:24
257	11:09:54	211	11:26:09	166	11:42:03	121	11:57:57	76	12:13:51	31	12:29:45
256	11:10:15	210	11:26:30	165	11:42:24	120	11:58:18	75	12:14:12	30	12:30:06
255	11:10:36	209	11:26:51	164	11:42:45	119	11:58:39	74	12:14:33	29	12:30:27
254	11:10:57	208	11:27:12	163	11:43:06	118	11:59:00	73	12:14:54	28	12:30:48
253	11:11:18	207	11:27:34	162	11:43:28	117	11:59:22	72	12:15:16	27	12:31:10
252	11:11:40	206	11:27:55	161	11:43:49	116	11:59:43	71	12:15:37	26	12:31:31
251	11:12:01	205	11:28:16	160	11:44:10	115	12:00:04	70	12:15:58	25	12:31:52
250	11:12:22	204	11:28:37	159	11:44:31	114	12:00:25	69	12:16:19	24	12:32:13
249	11:12:43	203	11:28:58	158	11:44:52	113	12:00:46	68	12:16:40	23	12:32:34
248	11:13:04	202	11:29:20	157	11:45:14	112	12:01:08	67	12:17:02	22	12:32:56
247	11:13:26	201	11:29:41	156	11:45:35	111	12:01:29	66	12:17:23	21	12:33:17
246	11:13:47	200	11:30:02	155	11:45:56	110	12:01:50	65	12:17:44	20	12:33:38
245	11:14:08	199	11:30:23	154	11:46:17	109	12:02:11	64	12:18:05	19	12:33:59
244	11:14:29	198	11:30:44	153	11:46:38	108	12:02:32	63	12:18:26	18	12:34:20
243	11:14:50	197	11:31:06	152	11:47:00	107	12:02:54	62	12:18:48	17	12:34:42
242	11:15:12	196	11:31:27	151	11:47:21	106	12:03:15	61	12:19:09	16	12:35:03
241	11:15:33	195	11:31:48	150	11:47:42	105	12:03:36	60	12:19:30	15	12:35:24

Appendix B - Course 11



SeaClear II 2/22/2009 1:26:55 PM [UPPER GALVESTON BAY]

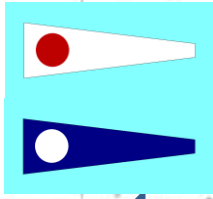
UPPER GALVESTON BAY
HOUSTON SHIP CHANNEL
DOLLAR PT TO ATKINSON I



Appendix B - Course 11

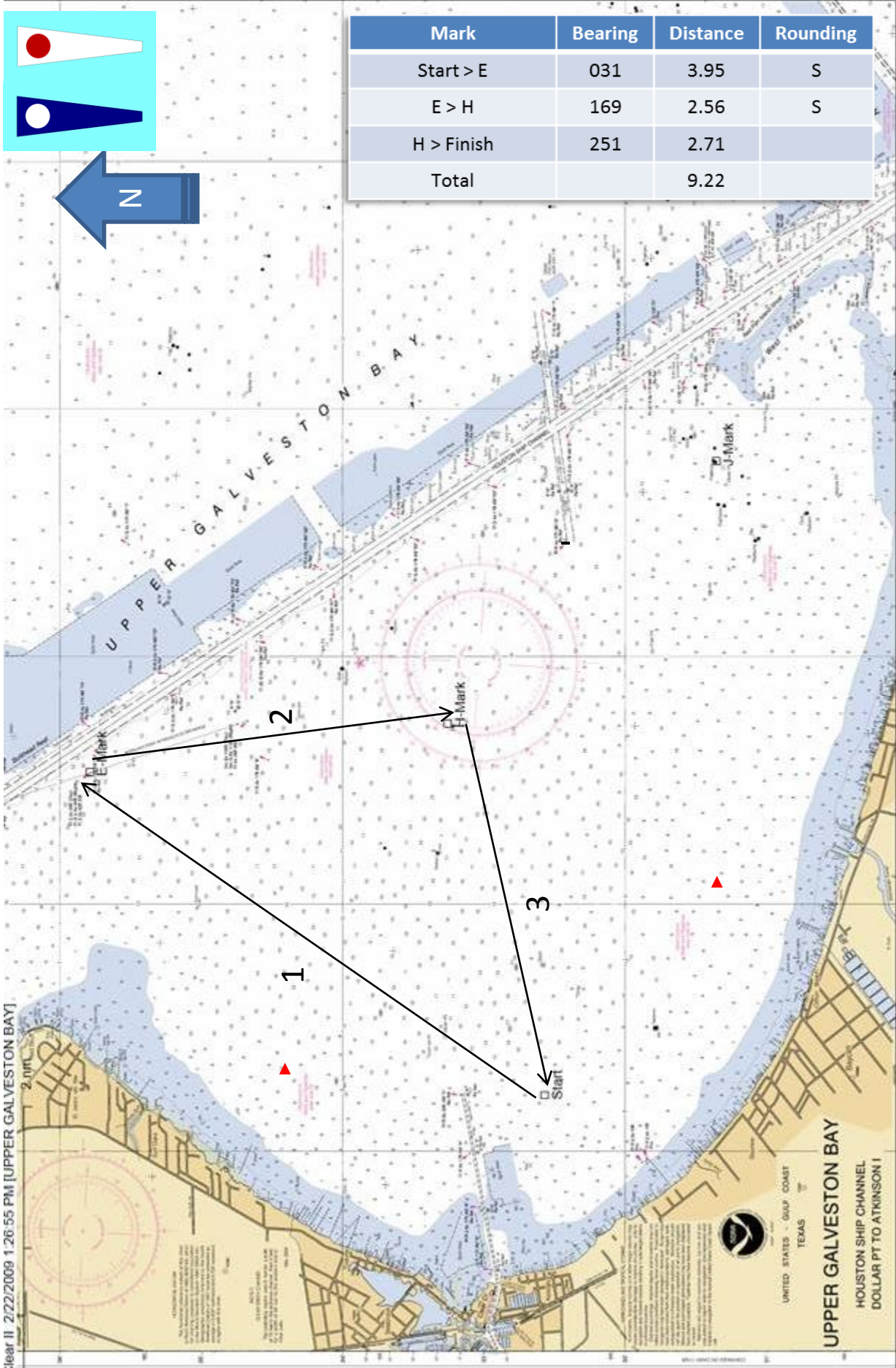
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276	11:02:02	230	11:12:27	185	11:22:38	140	11:32:49	95	11:43:00	50	11:53:11
275	11:02:16	229	11:12:40	184	11:22:52	139	11:33:03	94	11:43:14	49	11:53:25
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255	11:06:47	209	11:17:12	164	11:27:23	119	11:37:34	74	11:47:45	29	11:57:56
254	11:07:01	208	11:17:26	163	11:27:37	118	11:37:48	73	11:47:59	28	11:58:10
253	11:07:15	207	11:17:39	162	11:27:50	117	11:38:01	72	11:48:13	27	11:58:24
252	11:07:28	206	11:17:53	161	11:28:04	116	11:38:15	71	11:48:26	26	11:58:37
251	11:07:42	205	11:18:06	160	11:28:17	115	11:38:29	70	11:48:40	25	11:58:51
250	11:07:55	204	11:18:20	159	11:28:31	114	11:38:42	69	11:48:53	24	11:59:04
249	11:08:09	203	11:18:34	158	11:28:45	113	11:38:56	68	11:49:07	23	11:59:18
248	11:08:22	202	11:18:47	157	11:28:58	112	11:39:09	67	11:49:20	22	11:59:32
247	11:08:36	201	11:19:01	156	11:29:12	111	11:39:23	66	11:49:34	21	11:59:45
246	11:08:50	200	11:19:14	155	11:29:25	110	11:39:36	65	11:49:48	20	11:59:59
245	11:09:03	199	11:19:28	154	11:29:39	109	11:39:50	64	11:50:01	19	12:00:12
244	11:09:17	198	11:19:41	153	11:29:53	108	11:40:04	63	11:50:15	18	12:00:26
243	11:09:30	197	11:19:55	152	11:30:06	107	11:40:17	62	11:50:28	17	12:00:39
242	11:09:44	196	11:20:09	151	11:30:20	106	11:40:31	61	11:50:42	16	12:00:53
241	11:09:58	195	11:20:22	150	11:30:33	105	11:40:44	60	11:50:55	15	12:01:07

Appendix A - Course 12



Mark	Bearing	Distance	Rounding
Start > E	031	3.95	S
E > H	169	2.56	S
H > Finish	251	2.71	
Total		9.22	

SeaClear II 2/22/2009 1:26:55 PM [UPPER GALVESTON BAY]



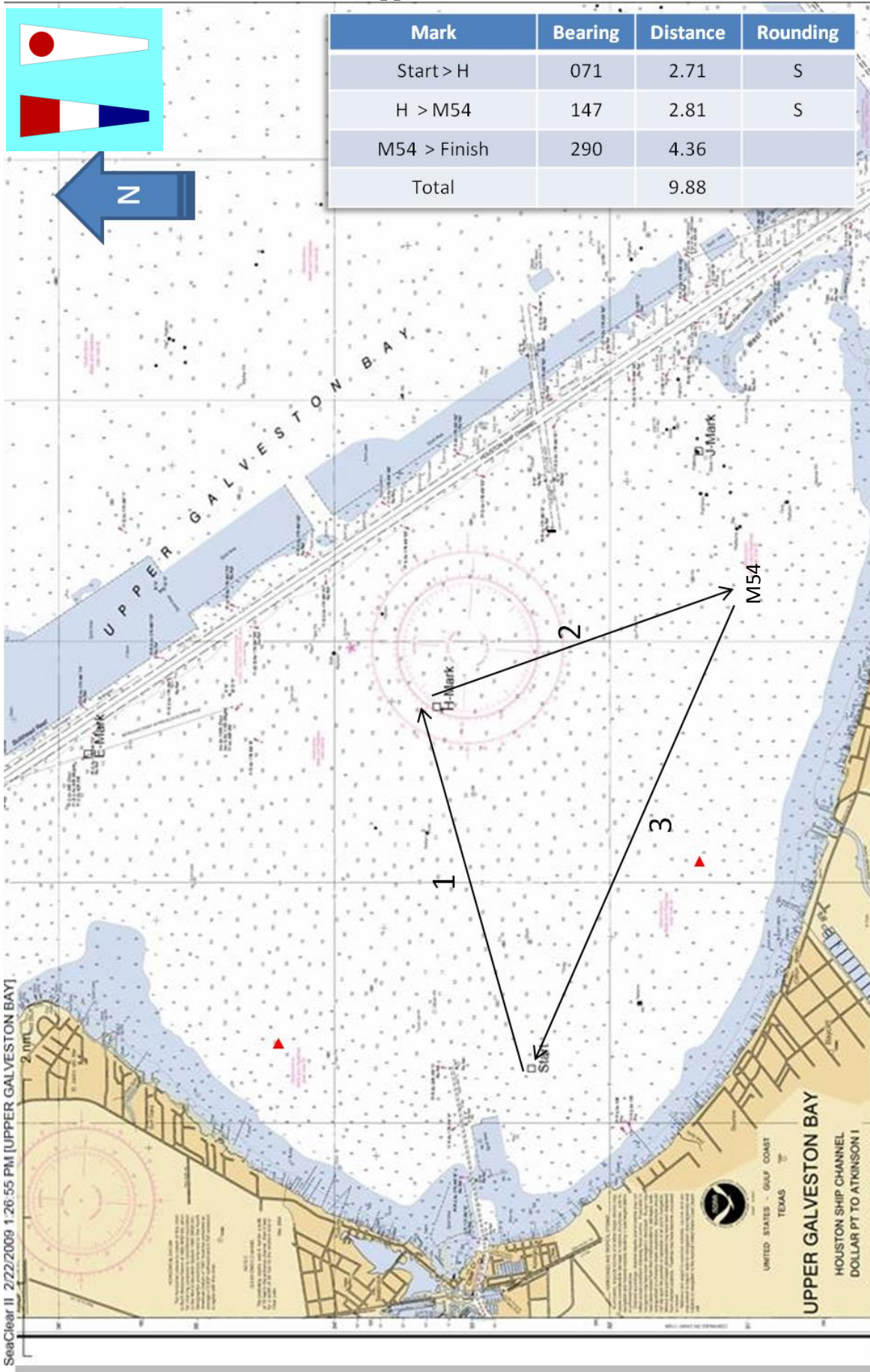
UPPER GALVESTON BAY
HOUSTON SHIP CHANNEL
DOLLAR PT TO ATKINSON I



Appendix B - Course 12

PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start
285	11:00:00	240	11:06:55	194	11:13:59	149	11:20:54	104	11:27:49	59	11:34:44
284	11:00:09	238	11:07:13	193	11:14:08	148	11:21:03	103	11:27:58	58	11:34:53
283	11:00:18	237	11:07:23	192	11:14:17	147	11:21:12	102	11:28:07	57	11:35:02
282	11:00:28	236	11:07:32	191	11:14:27	146	11:21:22	101	11:28:16	56	11:35:11
281	11:00:37	235	11:07:41	190	11:14:36	145	11:21:31	100	11:28:26	55	11:35:21
280	11:00:46	234	11:07:50	189	11:14:45	144	11:21:40	99	11:28:35	54	11:35:30
279	11:00:55	233	11:07:59	188	11:14:54	143	11:21:49	98	11:28:44	53	11:35:39
278	11:01:05	232	11:08:09	187	11:15:04	142	11:21:58	97	11:28:53	52	11:35:48
277	11:01:14	231	11:08:18	186	11:15:13	141	11:22:08	96	11:29:03	51	11:35:57
276	11:01:23	230	11:08:27	185	11:15:22	140	11:22:17	95	11:29:12	50	11:36:07
275	11:01:32	229	11:08:36	184	11:15:31	139	11:22:26	94	11:29:21	49	11:36:16
274	11:01:41	228	11:08:46	183	11:15:40	138	11:22:35	93	11:29:30	48	11:36:25
273	11:01:51	227	11:08:55	182	11:15:50	137	11:22:45	92	11:29:39	47	11:36:34
272	11:02:00	226	11:09:04	181	11:15:59	136	11:22:54	91	11:29:49	46	11:36:44
271	11:02:09	225	11:09:13	180	11:16:08	135	11:23:03	90	11:29:58	45	11:36:53
270	11:02:18	224	11:09:22	179	11:16:17	134	11:23:12	89	11:30:07	44	11:37:02
269	11:02:28	223	11:09:32	178	11:16:27	133	11:23:21	88	11:30:16	43	11:37:11
268	11:02:37	222	11:09:41	177	11:16:36	132	11:23:31	87	11:30:26	42	11:37:20
267	11:02:46	221	11:09:50	176	11:16:45	131	11:23:40	86	11:30:35	41	11:37:30
266	11:02:55	220	11:09:59	175	11:16:54	130	11:23:49	85	11:30:44	40	11:37:39
265	11:03:04	219	11:10:09	174	11:17:03	129	11:23:58	84	11:30:53	39	11:37:48
264	11:03:14	218	11:10:18	173	11:17:13	128	11:24:08	83	11:31:02	38	11:37:57
263	11:03:23	217	11:10:27	172	11:17:22	127	11:24:17	82	11:31:12	37	11:38:07
262	11:03:32	216	11:10:36	171	11:17:31	126	11:24:26	81	11:31:21	36	11:38:16
261	11:03:41	215	11:10:45	170	11:17:40	125	11:24:35	80	11:31:30	35	11:38:25
260	11:03:50	214	11:10:55	169	11:17:50	124	11:24:44	79	11:31:39	34	11:38:34
259	11:04:00	213	11:11:04	168	11:17:59	123	11:24:54	78	11:31:49	33	11:38:43
258	11:04:09	212	11:11:13	167	11:18:08	122	11:25:03	77	11:31:58	32	11:38:53
257	11:04:18	211	11:11:22	166	11:18:17	121	11:25:12	76	11:32:07	31	11:39:02
256	11:04:27	210	11:11:31	165	11:18:26	120	11:25:21	75	11:32:16	30	11:39:11
255	11:04:37	209	11:11:41	164	11:18:36	119	11:25:31	74	11:32:25	29	11:39:20
254	11:04:46	208	11:11:50	163	11:18:45	118	11:25:40	73	11:32:35	28	11:39:30
253	11:04:55	207	11:11:59	162	11:18:54	117	11:25:49	72	11:32:44	27	11:39:39
252	11:05:04	206	11:12:08	161	11:19:03	116	11:25:58	71	11:32:53	26	11:39:48
251	11:05:13	205	11:12:18	160	11:19:12	115	11:26:07	70	11:33:02	25	11:39:57
250	11:05:23	204	11:12:27	159	11:19:22	114	11:26:17	69	11:33:12	24	11:40:06
249	11:05:32	203	11:12:36	158	11:19:31	113	11:26:26	68	11:33:21	23	11:40:16
248	11:05:41	202	11:12:45	157	11:19:40	112	11:26:35	67	11:33:30	22	11:40:25
247	11:05:50	201	11:12:54	156	11:19:49	111	11:26:44	66	11:33:39	21	11:40:34
246	11:06:00	200	11:13:04	155	11:19:59	110	11:26:53	65	11:33:48	20	11:40:43
245	11:06:09	199	11:13:13	154	11:20:08	109	11:27:03	64	11:33:58	19	11:40:53
244	11:06:18	198	11:13:22	153	11:20:17	108	11:27:12	63	11:34:07	18	11:41:02
243	11:06:27	197	11:13:31	152	11:20:26	107	11:27:21	62	11:34:16	17	11:41:11
242	11:06:36	196	11:13:41	151	11:20:35	106	11:27:30	61	11:34:25	16	11:41:20
241	11:06:46	195	11:13:50	150	11:20:45	105	11:27:40	60	11:34:34	15	11:41:29

Appendix B - Course 13



SeaClear II 2/22/2009 1:26:55 PM [UPPER GALVESTON BAY]

UPPER GALVESTON BAY
HOUSTON SHIP CHANNEL
DOLLAR PT TO ATKINSON I

UNITED STATES - GULF COAST
TEXAS

Appendix B - Course 13

PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start	PHRF	Start
285	11:00:00	240	11:07:25	194	11:14:59	149	11:22:24	104	11:29:48	59	11:37:13
284	11:00:10	238	11:07:44	193	11:15:09	148	11:22:34	103	11:29:58	58	11:37:23
283	11:00:20	237	11:07:54	192	11:15:19	147	11:22:43	102	11:30:08	57	11:37:33
282	11:00:30	236	11:08:04	191	11:15:29	146	11:22:53	101	11:30:18	56	11:37:43
281	11:00:40	235	11:08:14	190	11:15:39	145	11:23:03	100	11:30:28	55	11:37:52
280	11:00:49	234	11:08:24	189	11:15:48	144	11:23:13	99	11:30:38	54	11:38:02
279	11:00:59	233	11:08:34	188	11:15:58	143	11:23:23	98	11:30:48	53	11:38:12
278	11:01:09	232	11:08:44	187	11:16:08	142	11:23:33	97	11:30:57	52	11:38:22
277	11:01:19	231	11:08:54	186	11:16:18	141	11:23:43	96	11:31:07	51	11:38:32
276	11:01:29	230	11:09:03	185	11:16:28	140	11:23:53	95	11:31:17	50	11:38:42
275	11:01:39	229	11:09:13	184	11:16:38	139	11:24:02	94	11:31:27	49	11:38:52
274	11:01:49	228	11:09:23	183	11:16:48	138	11:24:12	93	11:31:37	48	11:39:02
273	11:01:59	227	11:09:33	182	11:16:58	137	11:24:22	92	11:31:47	47	11:39:11
272	11:02:08	226	11:09:43	181	11:17:08	136	11:24:32	91	11:31:57	46	11:39:21
271	11:02:18	225	11:09:53	180	11:17:17	135	11:24:42	90	11:32:07	45	11:39:31
270	11:02:28	224	11:10:03	179	11:17:27	134	11:24:52	89	11:32:16	44	11:39:41
269	11:02:38	223	11:10:13	178	11:17:37	133	11:25:02	88	11:32:26	43	11:39:51
268	11:02:48	222	11:10:22	177	11:17:47	132	11:25:12	87	11:32:36	42	11:40:01
267	11:02:58	221	11:10:32	176	11:17:57	131	11:25:22	86	11:32:46	41	11:40:11
266	11:03:08	220	11:10:42	175	11:18:07	130	11:25:31	85	11:32:56	40	11:40:21
265	11:03:18	219	11:10:52	174	11:18:17	129	11:25:41	84	11:33:06	39	11:40:30
264	11:03:27	218	11:11:02	173	11:18:27	128	11:25:51	83	11:33:16	38	11:40:40
263	11:03:37	217	11:11:12	172	11:18:36	127	11:26:01	82	11:33:26	37	11:40:50
262	11:03:47	216	11:11:22	171	11:18:46	126	11:26:11	81	11:33:36	36	11:41:00
261	11:03:57	215	11:11:32	170	11:18:56	125	11:26:21	80	11:33:45	35	11:41:10
260	11:04:07	214	11:11:41	169	11:19:06	124	11:26:31	79	11:33:55	34	11:41:20
259	11:04:17	213	11:11:51	168	11:19:16	123	11:26:41	78	11:34:05	33	11:41:30
258	11:04:27	212	11:12:01	167	11:19:26	122	11:26:50	77	11:34:15	32	11:41:40
257	11:04:37	211	11:12:11	166	11:19:36	121	11:27:00	76	11:34:25	31	11:41:50
256	11:04:47	210	11:12:21	165	11:19:46	120	11:27:10	75	11:34:35	30	11:41:59
255	11:04:56	209	11:12:31	164	11:19:55	119	11:27:20	74	11:34:45	29	11:42:09
254	11:05:06	208	11:12:41	163	11:20:05	118	11:27:30	73	11:34:55	28	11:42:19
253	11:05:16	207	11:12:51	162	11:20:15	117	11:27:40	72	11:35:04	27	11:42:29
252	11:05:26	206	11:13:01	161	11:20:25	116	11:27:50	71	11:35:14	26	11:42:39
251	11:05:36	205	11:13:10	160	11:20:35	115	11:28:00	70	11:35:24	25	11:42:49
250	11:05:46	204	11:13:20	159	11:20:45	114	11:28:09	69	11:35:34	24	11:42:59
249	11:05:56	203	11:13:30	158	11:20:55	113	11:28:19	68	11:35:44	23	11:43:09
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246	11:06:25	200	11:14:00	155	11:21:24	110	11:28:49	65	11:36:14	20	11:43:38
245	11:06:35	199	11:14:10	154	11:21:34	109	11:28:59	64	11:36:23	19	11:43:48
244	11:06:45	198	11:14:20	153	11:21:44	108	11:29:09	63	11:36:33	18	11:43:58
243	11:06:55	197	11:14:29	152	11:21:54	107	11:29:19	62	11:36:43	17	11:44:08
242	11:07:05	196	11:14:39	151	11:22:04	106	11:29:29	61	11:36:53	16	11:44:18
241	11:07:15	195	11:14:49	150	11:22:14	105	11:29:38	60	11:37:03	15	11:44:28

J-105

	Skipper	Club	Sail#	Boat Name	Fleet / Division	Make/Model	Rating	Date Entered
1.	Brad Robbins		294	Rumpus	J-105 /	J Boats / J105	0	03/04/2015
2.	J B Bednar		296	Stinger	J-105 /	J-Boats / J/105	78	02/21/2015
3.	John Bell		430	Kinderspel2	J-105 /	J Boats / J/105	87	03/08/2015
4.	Uzi Ozeri		378	Infinity	J-105 /	j105 / sloop	87	03/16/2015

J-109

	Skipper	Club	Sail#	Boat Name	Fleet / Division	Make/Model	Rating	Date Entered
1.	Andy Wescoat		45	Harm's Way	J-109 /	J Boats / J109	69	02/22/2015
2.	David Christensen		238	Airborne	J-109 /	J Boats / J/109	69	03/03/2015
3.	Tom/Alex Sutton/Aeensios		162	Leading Edge	J-109 /	J Boats / J109	69	03/16/2015

J-70

	Skipper	Club	Sail#	Boat Name	Fleet / Division	Make/Model	Rating	Date Entered
1.	bruno vibert		530	ApolloJ	J-70 /	J-boats / J-70	0	02/23/2015
2.	Josh Richline		14	NoPro	J-70 /	J Boats / J-70	0	03/09/2015
3.	Chris Lewis		181	GB	J-70 /	J Boats / J70	0	03/09/2015
4.	Stuart Lindow		98	Not Tropical Aggression	J-70 /	J / J70	0	03/10/2015
5.	Terry Flynn		USA 241	Chubby Boy Racing	J-70 /	J boats / J 70	0	03/10/2015
6.	Taylor Lutz		USA 546	Zounds Hearing	J-70 /	jboats / j 70	0	03/12/2015

J-24

	Skipper	Club	Sail#	Boat Name	Fleet / Division	Make/Model	Rating	Date Entered
1.	Natalie Penner		126	GIGGLES	J-24 /	J / J/24	0	02/25/2015
2.	Brandon Furey		923	Jolly Bevo I	J-24 /	J-Boats / J/24	0	02/25/2015
3.	Christopher Hammel		3894	Sforzando	J-24 /	JBoats / J24	0	02/25/2015
4.	Andrew Theismann		USA 229	YounG'uns	J-24 /	J Boats / J/24	0	02/28/2015
5.	Kelly Holmes-Moon		267	BadMoon	J-24 /	J/Boats / J/24	0	02/28/2015
6.	Tonja Holmes-Moon		2961	Siren	J-24 /	J/Boats / J/24	0	02/28/2015
7.	Stuart Juengst		2822	Vang Go	J-24 /	J/Boats / J/24	0	03/02/2015
8.	Tim Johnson		1565	Gray Wolf	J-24 /	J/Boats / J/24	0	03/02/2015
9.	James Freedman		3734	Miss Conduct	J-24 /	J24 / J24	0	03/05/2015
10.	Manny Pacquiao		1444	Borracho	J-24 /	JBoats / J24	0	03/17/2015
11.	David Broadway		2380	Superman	J-24 /	JBoats / J/24	0	03/17/2015
12.	John Parker		3358	Chupacabra	J-24 /	JBoats / J/24	168	02/25/2015

J-22

	Skipper	Club	Sail#	Boat Name	Fleet / Division	Make/Model	Rating	Date Entered
1.	Larry Blankenhagen		1531	Parrot Tales Light	J-22 /	J Boat / J22	0	03/08/2015
2.	Mitch Clarke		673	Knot Bad	J-22 /	J Boat / J/22	0	03/14/2015
3.	Julie Goetschius		877	Crayola	J-22 /	J-Boats / J/22	0	03/17/2015
4.	Gary Thies		578	Student Driver	J-22 /	J-Boat / J-22	174	02/23/2015
5.	Rick Duste		392	Loose Cannon	J-22 /	J-Boat / J22	174	03/03/2015
6.	Anne Lee		732	Helms a Lee	J-22 /	J-Boats / J/22	174	03/06/2015

PHRF Spin

	Skipper	Club	Sail#	Boat Name	Fleet / Division	Make/Model	Rating	Date Entered
1.	Greg A Casamayor *		46864	Joyride	PHRF Spin /	Beneteau / First 42S7	75	03/16/2015
2.	Warren Miller		3407	Renovation	PHRF Spin /	C&C / 34r	87	03/17/2015
3.	George Cushing		77	77	PHRF Spin /	J Boats / J 92	108	03/13/2015
4.	Theresa Gale		0537	Honey Badger	PHRF Spin /	J Boats / J/80	120	03/18/2015
5.	Drew Peerless		28	Toccata	PHRF Spin /	J / 27	126	03/14/2015

GBCA CruisingClub-MonoHull

	Skipper	Club	Sail#	Boat Name	Fleet / Division	Make/Model	Rating	Date Entered
1.	brantly minor		001	Other Woman	GBCA CruisingClub-MonoHull /	Beneteau / Oceanis 400	125	03/18/2015
2.	Victor Scammel		20991	LAZZ	GBCA CruisingClub-MonoHull /	C & C / 38 II	148	03/10/2015
3.	Rafael Brom		114	SELAH	GBCA CruisingClub-MonoHull /	C&C / 36	179	03/16/2015
4.	Robert Crosby		655	Royal Crescent	GBCA CruisingClub-MonoHull /	Catalina / 42 MK II	193	03/13/2015
5.	Grahame Gay		792	Chloe	GBCA CruisingClub-MonoHull /	Catalina / 320	216	03/06/2015