Course code: N1

Course: 6-P 1-S 3-S X-P 5-S 8-S 9-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 8

Course distance: 1,524m
To sail distance: 1,699m

Lap time estimate (based on a fast club boat):
F0-1 (0-2 knots)      38:39
F1-2 (2-7 knots)      14:45
F3-4 (7-17 knots)     8:05
F5+ (17+ knots)       6:52

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Beam reach
Leg 7: Broad reach

Points of sail (by distance):
Close hauled (beat) - 32.6%
Close reach - 0.0%
Beam reach - 15.2%
Broad reach - 52.2%
Run - 0.0%
Dead run - 0.0%
Spinnaker Legs - 52.2%
- incl. beam reaches - 67.4%

References for laying marks:
IL - 347° (IL to mark 6) & 244° (IL to mark 9)
OL - 15° (OL to mark 6) & 117° (OL to mark 9)
Line Bearing - 271° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shallows. Lots of reaching.
Course code: N2

Course: 6-P 1-S 3-S Y-P 4-S X-P 5-S 7-S 9-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 7

Course distance: 1,645m
To sail distance: 1,874m

Points of sail (by distance):
- Close hauled (beat) - 38.8%
- Close reach - 9.7%
- Broad reach - 42.9%
- Run - 8.6%
- Dead run - 0.0%

Spinnaker Legs - 51.5%
- incl. beam reaches - 51.5%

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 42:48
- F1-2 (2-7 knots) 16:49
- F3-4 (7-17 knots) 9:20
- F5+ (17+ knots) 8:04

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Close reach
Leg 9: Run

References for laying marks:
- IL - 347° (IL to mark 6) & 244° (IL to mark 9)
- OL - 15° (OL to mark 6) & 117° (OL to mark 9)
Line Bearing - 271° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shallows.
Course code: N3

Course: 4-P 1-S 3-S X-P 5-S 9-P 6-S 8-S Y-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 8

Be careful not to position the inner limit end of the start too close to the shore. Lots of reaching.

Course distance: 1,742m
To sail distance: 1,971m

Points of sail (by distance):
- Close hauled (beat) - 36.6%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 63.4%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 63.4%
- incl. beam reaches - 63.4%

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 45:37
- F1-2 (2-7 knots) 17:41
- F3-4 (7-17 knots) 9:28
- F5+ (17+ knots) 8:03

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Broad reach
Leg 9: Broad reach

References for laying marks:
- IL - 354° (IL to mark 4) & 256° (IL to mark Y)
- OL - 31° (OL to mark 4) & 129° (OL to mark Y)
- Line Bearing - 282° (IL to OL)
Very light wind course. Be careful not to position the inner limit end of the start too close to the shallows.

Course distance: 451m
To sail distance: 526m
Points of sail (by distance):
Close hauled (beat) - 40.2%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 59.8%
Run - 0.0%
Dead run - 0.0%
Spinnaker Legs - 59.8%
- incl. beam reaches - 59.8%

References for laying marks:
IL - 347° (IL to mark 6) & 244° (IL to mark 9)
OL - 15° (OL to mark 6) & 117° (OL to mark 9)
Line Bearing - 271° (IL to OL)

Lap time estimate (based on a fast club boat):
F0-1 (0-2 knots) 12:11
F1-2 (2-7 knots) 4:45
F3-4 (7-17 knots) 2:35
F5+ (17+ knots) 2:13

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Strong wind course. Be careful not to position the inner limit end of the start too close to the shore. Lots of reaching.

Course code: NS

Course: 4-P 1-S 3-S X-P 5-S 9-P 6-P Y-S

Start/Finish: IL-S & OL-P every lap

No gybes

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 41.06
F1-2 (2-7 knots) 16.01
F3-4 (7-17 knots) 8.42
F5+ (17+ knots) 7.28

Course distance: 1,547m
To sail distance: 1,776m

Points of sail (by distance):
Close hauled (beat) - 41.2%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 58.8%
Run - 0.0%
Dead run - 0.0%

Spinnaker Legs - 58.8%
- incl. beam reaches - 58.8%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Broad reach

References for laying marks:
IL - 354° (IL to mark 4) & 256° (IL to mark Y)
OL - 31° (OL to mark 4) & 129° (OL to mark Y)
Line Bearing - 282° (IL to OL)
Course code: NNE1

Course: 5-P 1-S 4-S X-P 6-S 9-P 7-S 8-S Y-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 8

Course distance: 1,774m
To sail distance: 2,091m

Points of sail (by distance):
- Close hauled (beat) - 43.7%
- Close reach - 0.0%
- Beam reach - 5.8%
- Broad reach - 26.2%
- Run - 24.3%
- Dead run - 0.0%
- Spinnaker Legs - 50.5%
  - incl. beam reaches - 56.3%

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 48.52
- F1-2 (2-7 knots) 19.18
- F3-4 (7-17 knots) 10.42
- F5+ (17+ knots) 9.16

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run
Leg 7: Close hauled (beat)
Leg 8: Beam reach
Leg 9: Broad reach

Be careful not to position the inner limit end of the start too close to the shore.

References for laying marks:
- IL - 11° (IL to mark 5) & 250° (IL to mark Y)
- OL - 39° (OL to mark 5) & 160° (OL to mark Y)
- Line Bearing - 295° (IL to OL)
Course code: NNE2

Course: 7-P 2-P 1-P 4-S Y-P 5-S X-P 6-S 9-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 2

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots)  49:30
F3-4 (7-17 knots)  10:41
F5+ (17+ knots)     9:13

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Run
Leg 6: Close hauled (beat)
Leg 7: Broad reach
Leg 8: Close hauled (beat)
Leg 9: Run

Course distance: 1,797m
To sail distance: 2,114m

Points of sail (by distance):
Close hauled (beat) - 43.1%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 38.9%
Run - 17.9%
Dead run - 0.0%

Spinnaker Legs - 56.9%
- incl. beam reaches - 56.9%

References for laying marks:
IL - 2° (IL to mark 7) & 248° (IL to mark 9)
OL - 44° (OL to mark 7) & 158° (OL to mark 9)
Line Bearing - 293° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shallows.
Be careful not to position the inner limit end of the start too close to the shore.

Course code: NNE3

Course: 5-P 1-S 4-P 2-P X-P 6-S 8-S Y-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 2 8

Course distance: 1,873m
To sail distance: 2,131m

Points of sail (by distance):
- Close hauled (beat) - 33.8%
- Close reach - 13.7%
- Beam reach - 9.4%
- Broad reach - 29.7%
- Run - 13.4%
- Dead run - 0.0%
- Spinnaker Legs - 43.1%
- incl. beam reaches - 52.5%

References for laying marks:
- IL - 11° (IL to mark S) & 250° (IL to mark Y)
- OL - 39° (OL to mark S) & 160° (OL to mark Y)
- Line Bearing - 295° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 47:56
- F1-2 (2-7 knots) 18:44
- F3-4 (7-17 knots) 10:35
- F5+ (17+ knots) 9:11

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close reach
Leg 6: Close hauled (beat)
Leg 7: Beam reach
Leg 8: Broad reach
Very light wind course. Be careful not to position the inner limit end of the start too close to the shore.

Course code: NNEL

Course: 5-P 4-S 2-P Y-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 2

Course distance: 657m
To sail distance: 740m

Lap time estimate (based on a fast club boat):
F0-1 (0-2 knots) 16:37
F1-2 (2-7 knots) 6:17
F3-4 (7-17 knots) 3:32
F5+ (17+ knots) 3:01

Points of sail (by distance):
- Close hauled (beat) - 30.8%
- Close reach - 0.0%
- Beam reach - 27.4%
- Broad reach - 41.8%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 41.8%
- incl. beam reaches - 69.2%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Beam reach

References for laying marks:
IL - 11° (IL to mark 5) & 250° (IL to mark Y)
OL - 39° (OL to mark 5) & 160° (OL to mark Y)
Line Bearing - 295° (IL to OL)
Strong wind course. Be careful not to position the inner limit end of the start too close to the shallows.
Course code: NE1

Course: 6-S 9-S Y-S 7-P 4-S 2-P 1-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 9 2

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots)       45:54
F1-2 (2-7 knots)       18:07
F3-4 (7-17 knots)      10:04
F5+ (17+ knots)        8:43

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Run
Leg 4: Close hauled (beat)
Leg 5: Run
Leg 6: Broad reach
Leg 7: Beam reach

Course distance: 1,671m
To sail distance: 1,967m

Points of sail (by distance):
Close hauled (beat) - 43.0%
Close reach - 0.0%
Beam reach - 8.0%
Broad reach - 23.0%
Run - 26.1%
Dead run - 0.0%

Spinnaker Legs - 49.1%
- incl. beam reaches - 57.0%

References for laying marks:
IL - 34° (IL to mark 6) & 274° (IL to mark 1)
OL - 47° (OL to mark 6) & 168° (OL to mark 1)
Line Bearing - 311° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shore.
Be careful not to position the inner limit end of the start too close to the shore.

Course code: NE2

Course: 6-P 5-P X-P 7-S 9-S 2-P 1-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 5 9 2

Course distance: 1,519m
To sail distance: 1,772m

Points of sail (by distance):
- Close hauled (beat) - 40.9%
- Close reach - 0.0%
- Beam reach - 8.8%
- Broad reach - 31.9%
- Run - 9.4%
- Dead run - 9.1%

Spinnaker Legs - 50.4%
- incl. beam reaches - 59.1%

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 41.25
- F1-2 (2-7 knots) 16.07
- F3-4 (7-17 knots) 8.57
- F5+ (17+ knots) 7.44

Leg 1: Close hauled (beat)
Leg 2: Dead run
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Run
Leg 6: Broad reach
Leg 7: Beam reach

References for laying marks:
- IL - 34° (IL to mark 6) & 266° (IL to mark 1)
- OL - 47° (OL to mark 6) & 176° (OL to mark 1)
- Line Bearing - 311° (IL to OL)
Shoreline
Shallows
Wind
Start line
Marks
Beats
Course
Fence line
Club house
Race tower

Course code: NE3
Course: 6-P 5-P X-S Y-S 7-P 4-S 2-P 1-P
Start/Finish: IL-S & OL-P every lap
Gybe at: 5 X 2

Be careful not to position the inner limit end of the start too close to the shore.

Course distance: 1,660m
To sail distance: 1,956m
Points of sail (by distance):
Close hauled (beat) - 43.3%
Close reach - 0.0%
Beam reach - 8.0%
Broad reach - 20.4%
Run - 20.0%
Dead run - 8.3%
Spinnaker Legs - 48.7%
- incl. beam reaches - 56.7%

References for laying marks:
IL - 34° (IL to mark 6) & 274° (IL to mark 1)
OL - 47° (OL to mark 6) & 168° (OL to mark 1)
Line Bearing - 311° (IL to OL)

Lap time estimate (based on a fast club boat):
F0-1 (0-2 knots) 46:00
F1-2 (2-7 knots) 18:04
F3-4 (7-17 knots) 10:04
F5+ (17+ knots) 8:44

Leg 1: Close hauled (beat)
Leg 2: Dead run
Leg 3: Broad reach
Leg 4: Run
Leg 5: Close hauled (beat)
Leg 6: Run
Leg 7: Broad reach
Leg 8: Beam reach
Very light wind course. Be careful not to position the inner limit end of the start too close to the shore.

Course code: NEL
Course: 5-P 4-S 2-P 1-P
Start/Finish: IL-S & OL-P every lap
Gybe at: 2

Course distance: 658m
To sail distance: 758m

Lap time estimate (based on a fast club boat):
F0-1 (0-2 knots) 17:26
F1-2 (2-7 knots) 6:40
F3-4 (7-17 knots) 3:46
F5+ (17+ knots) 3:16

Leg 1: Close hauled (beat)
Leg 2: Dead run
Leg 3: Broad reach
Leg 4: Beam reach

References for laying marks:
IL - 27° (IL to mark 5) & 271° (IL to mark 1)
OL - 48° (OL to mark 5) & 164° (OL to mark 1)
Line Bearing - 307° (IL to OL)

Points of sail (by distance):
Close hauled (beat) - 38.1%
Close reach - 0.0%
Beam reach - 20.2%
Broad reach - 30.8%
Run - 0.0%
Dead run - 11.0%

Spinnaker Legs - 41.7%
- incl. beam reaches - 61.9%
Strong wind course. Be careful not to position the inner limit end too close to the shore. Caution required on exit from mark X (shallows).

Course code: NES

Course: 5-S X-P 7-P 4-S 2-S 3-S 1-P

Start/Finish: IL-S & OL-P every lap

No gybes

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 34:39
F1-2 (2-7 knots) 13:33
F3-4 (7-17 knots) 7:36
F5+ (17+ knots) 6:35

Course distance: 1,296m
To sail distance: 1,502m

Points of sail (by distance):
Close hauled (beat) - 42.5%
Close reach - 0.0%
Beam reach - 13.8%
Broad reach - 26.2%
Run - 17.6%
Dead run - 0.0%

Spinnaker Legs - 43.8%
- incl. beam reaches - 57.5%

References for laying marks:
IL - 27° (IL to mark 5) & 271° (IL to mark 1)
OL - 48° (OL to mark 5) & 164° (OL to mark 1)
Line Bearing - 307° (IL to OL)

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Run
Leg 5: Broad reach
Leg 6: Close hauled (beat)
Leg 7: Beam reach
Be careful not to position the inner limit end of the start too close to the shallows.

Course code: ENE1
Course: 7-P 6-P 5-P Y-P 9-P 3-P 2-P 4-P
Start/Finish: IL-P & OL-S every lap
Gybe at: 6 3

Course distance: 1,458m
To sail distance: 1,721m
Points of sail (by distance):
- Close hauled (beat) - 43.8%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 46.7%
- Run - 9.5%
- Dead run - 0.0%

Spinnaker Legs - 56.2%
- incl. beam reaches - 56.2%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Run
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Broad reach
Leg 8: Close hauled (beat)

References for laying marks:
- IL - 80° (IL to mark 7) & 208° (IL to mark 4)
- OL - 54° (OL to mark 7) & 286° (OL to mark 4)
Line Bearing - 157° (IL to OL)
Course code: ENE2

Course: 7-P 5-P 1-P 9-P 3-P 2-P 4-P

Start/Finish: IL-P & OL-S every lap

Gybe at: 5 3

Course distance: 1,521m
To sail distance: 1,812m

Points of sail (by distance):
- Close hauled (beat) - 46.3%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 43.1%
- Run - 0.0%
- Dead run - 10.5%

Spinnaker Legs - 53.7%
- incl. beam reaches - 53.7%

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 42:33
- F1-2 (2-7 knots) 16:39
- F3-4 (7-17 knots) 9:14
- F5+ (17+ knots) 8:01

Leg 1: Close hauled (beat)
Leg 2: Dead run
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Broad reach
Leg 6: Broad reach
Leg 7: Close hauled (beat)

References for laying marks:
- IL - 80° (IL to mark 7) & 208° (IL to mark 4)
- OL - 54° (OL to mark 7) & 286° (OL to mark 4)
- Line Bearing - 157° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shallows.
Be careful not to position the inner limit end of the start too close to the shallows.

Course code: ENE3
Course: 7-P 6-P Y-P 8-P 5-P 9-S 2-S 4-P
Start/Finish: IL-P & OL-S every lap
Gybe at: 6 5 9

Course distance: 1,904m
To sail distance: 2,227m

Points of sail (by distance):
- Close hauled (beat) - 41.2%
- Close reach - 6.9%
- Broad reach - 33.6%
- Run - 18.3%
- Dead run - 0.0%
- Spinnaker Legs - 51.9%
- incl. beam reaches - 51.9%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Broad reach
Leg 6: Close reach
Leg 7: Run
Leg 8: Close hauled (beat)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 51.29
- F1-2 (2-7 knots) 20.22
- F3-4 (7-17 knots) 11.18
- F5+ (17+ knots) 9.48

References for laying marks:
- IL - 80° (IL to mark 7) & 208° (IL to mark 4)
- OL - 54° (OL to mark 7) & 286° (OL to mark 4)
- Line Bearing - 157° (IL to OL)
Course code: ENEL

Course: 7-S 9-S 4-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 9

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 14:27
F1-2 (2-7 knots) 5:39
F3-4 (7-17 knots) 3:06
F5+ (17+ knots) 2:40

Course distance: 530m
To sail distance: 624m

Points of sail (by distance):
Close hauled (beat) - 43.0%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 57.0%
Run - 0.0%
Dead run - 0.0%
Spinnaker Legs - 57.0%
- incl. beam reaches - 57.0%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach

References for laying marks:
IL - 80° (IL to mark 7) & 208° (IL to mark 4)
OL - 54° (OL to mark 7) & 286° (OL to mark 4)
Line Bearing - 157° (IL to OL)

Very light wind course. Be careful not to position the inner limit end of the start too close to the shallows.
Strong wind course. Caution required on approaches to marks 4, 9 & X (shallow).
Course code: E1

Course: 9-P 4-S 8-P 7-P Y-S 2-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 7 Y

Course distance: 1,408m
To sail distance: 1,669m

Points of sail (by distance):
- Close hauled (beat) - 45.1%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 43.5%
- Run - 11.3%
- Dead run - 0.0%
- Spinnaker Legs - 54.9%
- incl. beam reaches - 54.9%

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 38:55
- F1-2 (2-7 knots) 15:20
- F3-4 (7-17 knots) 8:27
- F5+ (17+ knots) 7:18

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Broad reach
Leg 6: Broad reach

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on approaches to marks 9 & 8 (shallows).

References for laying marks:
- IL - 95° (IL to mark 9) & 233° (IL to mark 2)
- OL - 79° (OL to mark 9) & 300° (OL to mark 2)
- Line Bearing - 177° (IL to OL)
Course code: E2
Course: 8-P 6-P Y-S 2-S 9-S X-S 4-S
Start/Finish: IL-P & OL-S every lap
Gybe at: 6 Y X
Course distance: 1,541m
To sail distance: 1,802m
Points of sail (by distance):
- Close hauled (beat) - 41.2%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 58.8%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 58.8%
- incl. beam reaches - 58.8%
Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 41:42
- F1-2 (2-7 knots) 16:16
- F3-4 (7-17 knots) 8:51
- F5+ (17+ knots) 7:36

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Broad reach

References for laying marks:
- IL - 96° (IL to mark 8) & 232° (IL to mark 4)
- OL - 76° (OL to mark 8) & 299° (OL to mark 4)
- Line Bearing - 176° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on approach to mark 8 (shallows).
Be careful not to position the inner limit end of the start too close to the shallows. Caution required on approach to mark 8 (shallows).

Course code: E3

Course: 8-P 5-P 1-S 2-S 9-S X-S 4-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 5 1 X

Course distance: 1,476m
To sail distance: 1,738m

Points of sail (by distance):
- Close hauled (beat) - 43.0%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 42.3%
- Run - 14.7%
- Dead run - 0.0%
- Spinnaker Legs - 57.0%
  - incl. beam reaches - 57.0%

References for laying marks:
- IL - 96° (IL to mark 8) & 232° (IL to mark 4)
- OL - 76° (OL to mark 8) & 299° (OL to mark 4)
- Line Bearing - 176° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) - 40:36
- F1-2 (2-7 knots) - 16:00
- F3-4 (7-17 knots) - 8:45
- F5+ (17+ knots) - 7:33

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Broad reach
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Broad reach
Very light wind course. Be careful not to position the inner limit end of the start too close to the shallows.

Start/Finish: IL-P & OL-S every lap

Course distance: 736m
To sail distance: 879m

Points of sail (by distance):
- Close hauled (beat) - 47.3%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 52.7%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 52.7%
  - incl. beam reaches - 52.7%

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 20:21
- F1-2 (2-7 knots) 7:59
- F3-4 (7-17 knots) 4:26
- F5+ (17+ knots) 3:50

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach

References for laying marks:
- IL - 95° (IL to mark 9) & 233° (IL to mark 2)
- OL - 79° (OL to mark 9) & 300° (OL to mark 2)
Line Bearing - 177° (IL to OL)

Course code: EL
Course: 9-S Y-S 2-S
Gybe at: Y
Strong wind course. Be careful not to position the inner limit end too close to the shallows. Caution required on approaches to marks 9 & 8.

Course code: ES

Course: 9-P 4-S 8-P 5-S 6-S 1-P Y-P 2-S

Start/Finish: IL-P & OL-S every lap

No gybes

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 48.07
- F1-2 (2-7 knots) 19.05
- F3-4 (7-17 knots) 10.30
- F5+ (17+ knots) 9.06

Course distance: 1,758m
To sail distance: 2,050m

Points of sail (by distance):
- Close hauled (beat) - 46.3%
  - Close reach - 0.0%
  - Beam reach - 0.0%
  - Broad reach - 32.3%
  - Run - 21.4%
  - Dead run - 0.0%

- Spinnaker Legs - 53.7%
  - incl. beam reaches - 53.7%

References for laying marks:
- IL - 95° (IL to mark 9) & 233° (IL to mark 2)
- OL - 79° (OL to mark 9) & 300° (OL to mark 2)
- Line Bearing - 177° (IL to OL)

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Run
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Broad reach
Course: ESE1

Course code: ESE1

Course: Y-P 3-S X-P 5-S 8-S 2-P

Start/Finish: IL-S & OL-P every lap

No gybes

Course distance: 1,504m
To sail distance: 1,769m

Points of sail (by distance):
- Close hauled (beat) - 44.8%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 41.4%
- Run - 13.8%
- Dead run - 0.0%

Spinnaker Legs - 55.2%
- incl. beam reaches - 55.2%

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 41:19
- F1-2 (2-7 knots) 16:18
- F3-4 (7-17 knots) 8:57
- F5+ (17+ knots) 7:44

References for laying marks:
- IL: 100° (IL to mark Y) & 348° (IL to mark 2)
- OL: 130° (OL to mark Y) & 242° (OL to mark 2)
- Line Bearing - 25° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shore. Caution required on exit from mark 3 (shallows).
Be careful not to position the inner limit end of the start too close to the shore. Caution required on exit from mark 3 (shallows).

Course code: ESE2

Course: Y-P 3-S X-P 5-S 8-P 7-P 1-S 2-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 71

Course distance: 1,644m
To sail distance: 1,909m

Points of sail (by distance):
- Close hauled (beat) - 41.0%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 32.1%
- Run - 27.0%
- Dead run - 0.0%
- Spinnaker Legs - 59.0%
  - incl. beam reaches - 59.0%

Lap time estimate:
- F0-1 (0-2 knots) 44:59
- F1-2 (2-7 knots) 17:48
- F3-4 (7-17 knots) 9:40
- F5+ (17+ knots) 8:19

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run
Leg 7: Broad reach
Leg 8: Run

References for laying marks:
- IL - 100° (IL to mark Y) & 348° (IL to mark 2)
- OL - 130° (OL to mark Y) & 242° (OL to mark 2)
- Line Bearing - 25° (IL to OL)
Course code: ESE3
Course: Y-P 5-S 8-S 4-S 3-P X-S 2-P
Start/Finish: IL-S & OL-P every lap
No gybes

Course distance: 1,602m
To sail distance: 1,867m

Points of sail (by distance):
- Close hauled (beat) - 42.0%
- Close reach - 0.0%
- Beam reach - 12.6%
- Broad reach - 17.0%
- Run - 28.3%
- Dead run - 0.0%

Spinnaker Legs - 45.3%
- incl. beam reaches - 58.0%

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 43.25
- F1-2 (2-7 knots) 17.05
- F3-4 (7-17 knots) 9.33
- F5+ (17+ knots) 8.16

Leg 1: Close hauled (beat)
Leg 2: Beam reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Run
Leg 6: Close hauled (beat)
Leg 7: Run

References for laying marks:
- IL - 100° (IL to mark Y) & 348° (IL to mark 2)
- OL - 130° (OL to mark Y) & 242° (OL to mark 2)
- Line Bearing - 25° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shore.
Course code: ESEL

Course: Y-P 4-P 2-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 4

Very light wind course. Be careful not to position the inner limit end of the start too close to the shore.

Course distance: 541m
To sail distance: 615m

Points of sail (by distance):
- Close hauled (beat) - 33.2%
- Close reach - 0.0%
- Beam reach - 26.7%
- Broad reach - 40.1%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 40.1%
- incl. beam reaches - 66.8%

References for laying marks:
- IL - 100° (IL to mark Y) & 348° (IL to mark 2)
- OL - 130° (OL to mark Y) & 242° (OL to mark 2)
- Line Bearing - 25° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 13:49
- F1-2 (2-7 knots) 5:14
- F3-4 (7-17 knots) 2:58
- F5+ (17+ knots) 2:32

Leg 1: Close hauled (beat)
Leg 2: Beam reach
Leg 3: Broad reach
Course code: SE1

Course: Y-S 2-P 1-P 5-S 9-P 6-S 8-S 4-S 3-P

Start/Finish: IL-S & OL-P every lap

No gybes

Course distance: 1,728m
To sail distance: 1,996m

Points of sail (by distance):
- Close hauled (beat) - 37.5%
- Close reach - 0.0%
- Beam reach - 14.5%
- Broad reach - 37.6%
- Run - 10.4%
- Dead run - 0.0%
- Spinnaker Legs - 48.0% (incl. beam reaches - 62.5%)

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 45:47
- F1-2 (2-7 knots) 17:43
- F3-4 (7-17 knots) 9:51
- F5+ (17+ knots) 8:28

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Beam reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Broad reach
Leg 9: Broad reach

Be careful not to position the outer limit end of the start too close to the shallows.
Be careful not to position the outer limit end of the start too close to the shallows.
Course code: SE3

Course: 8-S 5-P 9-S 3-P Y-S 2-P 1-P 6-S

Start/Finish: IL-P & OL-S every lap

No gybes

Be careful not to position the inner limit end of the start too close to the shallows.

Course distance: 1,786m
To sail distance: 2,054m

Points of sail (by distance):
- Close hauled (beat) - 36.3%
- Close reach - 0.0%
- Beam reach - 21.7%
- Broad reach - 32.0%
- Run - 10.1%
- Dead run - 0.0%
- Spinnaker Legs - 42.0%
- incl. beam reaches - 63.7%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run
Leg 7: Close hauled (beat)
Leg 8: Beam reach

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 46:44
- F3-4 (7-17 knots) 10:07
- F5+ (17+ knots) 8:42

References for laying marks:
- IL - 148° (IL to mark 8) & 259° (IL to mark 6)
- OL - 117° (OL to mark 8) & 6° (OL to mark 6)
- Line Bearing - 222° (IL to OL)
Course code: SEL

Course: Y-S 1-S 2-S 3-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 2

Very light wind course. Be careful not to position the outer limit end of the start too close to the shallows.

Course distance: 475m
To sail distance: 561m

Points of sail (by distance):
- Close hauled (beat) - 43.7%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 28.4%
- Run - 0.0%
- Dead run - 27.9%
- Spinnaker Legs - 56.3%
- incl. beam reaches - 56.3%

References for laying marks:
- IL - 116° (IL to mark Y) & 358° (IL to mark 3)
- OL - 144° (OL to mark Y) & 282° (OL to mark 3)
- Line Bearing - 43° (IL to OL)

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 13:30
- F1-2 (2-7 knots) 5:15
- F3-4 (7-17 knots) 2:54
- F5+ (17+ knots) 2:31

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Dead run
Leg 4: Broad reach
Course code: SSE1

Course: 1-P 4-S X-P 6-S 8-S 5-P 9-S 3-P

Start/Finish: IL-S & OL-P every lap

No gybes

Course distance: 1,598m
To sail distance: 1,797m

Points of sail (by distance):
- Close hauled (beat) - 36.8%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 63.2%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 63.2%
- incl. beam reaches - 63.2%

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 41.35
- F1-2 (2-7 knots) 16.07
- F3-4 (7-17 knots) 8.38
- F5+ (17+ knots) 7.20

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Broad reach

References for laying marks:
- IL - 134° (IL to mark 1) & 10° (IL to mark 3)
- OL - 169° (OL to mark 1) & 293° (OL to mark 3)
- Line Bearing - 62° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shore. Lots of reaching.
Course code: SSE2

Course: 1-P 6-S 8-S 5-P 9-S 4-P X-S 3-P

Start/Finish: IL-S & OL-P every lap

No gybes

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 41:58
F1-2 (2-7 knots) 16:15
F3-4 (7-17 knots) 8:42
F5+ (17+ knots) 7:23

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Broad reach

Course distance: 1,614m
To sail distance: 1,814m

Points of sail (by distance):
Close hauled (beat) - 36.4%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 63.6%
Run - 0.0%
Dead run - 0.0%
Spinnaker Legs - 63.6%
- incl. beam reaches - 63.6%

References for laying marks:
IL - 134° (IL to mark 1) & 10° (IL to mark 3)
OL - 169° (OL to mark 1) & 293° (OL to mark 3)
Line Bearing - 62° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shore. Lots of reaching.
Course code: SSE3
Course: 1-P 6-S 8-S 5-P X-S 4-P Y-S 3-P
Start/Finish: IL-S & OL-P every lap

No gybes

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 41:06
F1-2 (2-7 knots) 16:04
F3-4 (7-17 knots) 8:42
F5+ (17+ knots) 7:27

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Dead run
Leg 7: Close hauled (beat)
Leg 8: Run

Course distance: 1,565 m
To sail distance: 1,743 m

Points of sail (by distance):
Close hauled (beat) - 40.6%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 39.6%
Run - 13.3%
Dead run - 6.5%
Spinnaker Legs - 59.4%
- incl. beam reaches - 59.4%

References for laying marks:
IL - 134° (IL to mark 1) & 10° (IL to mark 3)
OL - 169° (OL to mark 1) & 293° (OL to mark 3)
Line Bearing - 62° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shore.
Course code: SSEL

Course: 1-P 4-S X-S 3-P

Start/Finish: IL-S & OL-P every lap

No gybes

Course distance: 731m
To sail distance: 845m

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 19:33
F1-2 (2-7 knots) 7:36
F3-4 (7-17 knots) 4:06
F5+ (17+ knots) 3:31

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach

Points of sail (by distance):
Close hauled (beat) - 38.4%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 61.6%
Run - 0.0%
Dead run - 0.0%

Spinnaker Legs - 61.6% - incl. beam reaches - 61.6%

References for laying marks:
IL - 134° (IL to mark 1) & 10° (IL to mark 3)
OL - 169° (OL to mark 1) & 293° (OL to mark 3)
Line Bearing - 62° (IL to OL)

Very light wind course. Be careful not to position the inner limit end of the start too close to the shore.
Course code: S1

Course: 9-S 5-P X-S 4-P Y-S 3-P 1-P 6-S

Start/Finish: IL-S & OL-P every lap

No gybes

Be careful not to position the inner limit end of the start too close to the shallows. Lots of reaching.

Course distance: 1,470m
To sail distance: 1,694m

Points of sail (by distance):
- Close hauled (beat) - 43.6%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 56.4%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 56.4%
  - incl. beam reaches - 56.4%

References for laying marks:
- IL - 170° (IL to mark 9) & 46° (IL to mark 6)
- OL - 199° (OL to mark 9) & 302° (OL to mark 6)
- Line Bearing - 91° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 39:13
- F1-2 (2-7 knots) 15:19
- F3-4 (7-17 knots) 8:22
- F5+ (17+ knots) 7:12

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Broad reach
Course code: S2

Course: 9-P 8-P 5-P X-S 4-P Y-S 3-P 1-P 6-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 8

Course distance: 1,716m
To sail distance: 1,941m

Points of sail (by distance):
- Close hauled (beat) - 37.4%
- Close reach - 0.0%
- Broad reach - 13.5%
- Beam reach - 49.1%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 49.1%
- incl. beam reaches - 62.6%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Beam reach
Leg 4: Close hauled (beat)
Leg 5: Broad reach
Leg 6: Close hauled (beat)
Leg 7: Broad reach
Leg 8: Close hauled (beat)
Leg 9: Broad reach

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 44:15
- F1-2 (2-7 knots) 17:00
- F3-4 (7-17 knots) 9:25
- F5+ (17+ knots) 8:04

References for laying marks:
- IL - 170° (IL to mark 9) & 46° (IL to mark 6)
- OL - 199° (OL to mark 9) & 302° (OL to mark 6)
- Line Bearing - 91° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shallows. Lots of reaching.
Course code: S3

Course: 9-S 3-P 1-P 5-S X-S 4-S 8-P 6-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 4 8

Lap time estimate (based on a fast club boat):
F0-1 (0-2 knots) 40.09
F1-2 (2-7 knots) 15.02
F3-4 (7-17 knots) 8.37
F5+ (17+ knots) 7.22

Leg 1: Close hauled (beat)
Leg 2: Beam reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Close hauled (beat)
Leg 7: Beam reach
Leg 8: Broad reach

Course distance: 1,636m
To sail distance: 1,811m

Points of sail (by distance):
Close hauled (beat) - 30.4%
Close reach - 0.0%
Beam reach - 37.4%
Broad reach - 32.3%
Run - 0.0%
Dead run - 0.0%

Spinnaker Legs - 32.3% - incl. beam reaches - 69.6%

References for laying marks:
IL - 166° (IL to mark 9) & 54° (IL to mark 6)
OL - 196° (OL to mark 9) & 308° (OL to mark 6)
Line Bearing - 91° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shallows. Lots of reaching.
Very light wind course. Be careful not to position the inner limit end of the start too close to the shallows.

Course code: SL

Course: 9-S 5-S 6-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 5

Course distance: 451m
To sail distance: 526m

Points of sail (by distance):
- Close hauled (beat) - 40.2%
  - Close reach - 0.0%
  - Beam reach - 0.0%
  - Broad reach - 59.8%
  - Run - 0.0%
  - Dead run - 0.0%
- Spinnaker Legs - 59.8%
- -incl. beam reaches - 59.8%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 12:11
- F1-2 (2-7 knots) 4:45
- F3-4 (7-17 knots) 2:35
- F5+ (17+ knots) 2:13

References for laying marks:
- IL - 170° (IL to mark 9) & 46° (IL to mark 6)
- OL - 199° (OL to mark 9) & 302° (OL to mark 6)
- Line Bearing - 91° (IL to OL)
Course code: SSW1
Course: X-P 7-S 9-S 5-P 1-S 2-S 8-P 6-P
Start/Finish: IL-S & OL-P every lap
Gybe at: 2 8

Course distance: 1,802m
To sail distance: 2,056m

Points of sail (by distance):
Close hauled (beat) - 35.6%
Close reach - 0.0%
Beam reach - 17.1%
Broad reach - 34.4%
Run - 12.9%
Dead run - 0.0%
Spinnaker Legs - 47.3%
- incl. beam reaches - 64.4%

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Beam reach
Leg 5: Close hauled (beat)
Leg 6: Close hauled (beat)
Leg 7: Broad reach
Leg 8: Beam reach

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 47.06
F1-2 (2-7 knots) 18.11
F3-4 (7-17 knots) 10.06
F5+ (17+ knots) 8.40

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from marks 5 & 6 (shallows).

References for laying marks:
IL - 191° (IL to mark X) & 61° (IL to mark 6)
OL - 214° (OL to mark X) & 344° (OL to mark 6)
Line Bearing - 112° (IL to OL)
Course code: SSW2

Course: X-P 8-P 7-P 9-S 5-P 4-P 6-S

Start/Finish: IL-S & OL-P every lap

Gybe at: 8 2

Course distance: 1,677m
To sail distance: 1,931m

Points of sail (by distance):
- Close hauled (beat) - 38.3%
- Close reach - 0.0%
- Beam reach - 14.0%
- Broad reach - 35.8%
- Run - 11.9%
- Dead run - 0.0%
- Spinnaker Legs - 47.7% - incl. beam reaches - 61.7%

References for laying marks:
- IL - 191° (IL to mark X) & 61° (IL to mark 6)
- OL - 214° (OL to mark X) & 344° (OL to mark 6)
- Line Bearing - 112° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 44:21
- F1-2 (2-7 knots) 17:12
- F3-4 (7-17 knots) 9:34
- F5+ (17+ knots) 8:14

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Beam reach
Leg 4: Close hauled (beat)
Leg 5: Beam reach
Leg 6: Close hauled (beat)
Leg 7: Broad reach
Leg 8: Broad reach
Leg 9: Run

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from mark 5 (shallows).
Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from marks 5, 4 & 6 (shallows).

Course code: SSW3

Course: X-P 9-P 5-P Y-S 4-P 1-S 2-S 8-P 6-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 9 2 8

Course distance: 1,817m
To sail distance: 2,075m

Points of sail (by distance):
- Close hauled (beat) - 35.3%
- Close reach - 0.0%
- Beam reach - 16.9%
- Broad reach - 39.9%
- Run - 0.0%
- Dead run - 7.9%
- Spinnaker Legs - 47.8%
  - incl. beam reaches - 64.7%

References for laying marks:
- IL - 191° (IL to mark X) & 61° (IL to mark 6)
- OL - 214° (OL to mark X) & 344° (OL to mark 6)
- Line Bearing - 112° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots): 47:41
- F1-2 (2-7 knots): 18:14
- F3-4 (7-17 knots): 10:09
- F5+ (17+ knots): 8.42

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Beam reach
Leg 4: Close hauled (beat)
Leg 5: Dead run
Leg 6: Close hauled (beat)
Leg 7: Broad reach
Leg 8: Broad reach
Leg 9: Beam reach
Very light wind course. Be careful not to position the inner limit end of the start too close to the shallows.

Course code: SSWL

Course: X-P 8-P 6-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 8

Course: X-
P 8-
P 6-P

Points of sail (by distance):

- Close hauled (beat) - 36.9%
- Close reach - 0.0%
- Beam reach - 26.0%
- Broad reach - 37.1%
- Run - 0.0%
- Dead run - 0.0%

- Spinnaker Legs - 37.1%
- incl. beam reaches - 63.1%

Lap time estimate
(based on a fast club boat):

- F0-1 (0-2 knots) 17:32
- F1-2 (2-7 knots) 6:41
- F3-4 (7-17 knots) 3:49
- F5+ (17+ knots) 3:17

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Beam reach

Course distance: 676m
To sail distance: 780m

References for laying marks:

- IL - 191° (IL to mark X) & 61° (IL to mark 6)
- OL - 214° (OL to mark X) & 344° (OL to mark 6)

Line Bearing - 112° (IL to OL)
Course code: SSWS

Course: X-S 5-P 1-S 3-P 2-P 8-S 9-S 6-P

Start/Finish: IL-S & OL-P every lap

No gybes

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 44:50
F1-2 (2-7 knots) 17:35
F3-4 (7-17 knots) 9.33
F5+ (17+ knots) 8:12

Course distance: 1,696m
To sail distance: 1,924m

Points of sail (by distance):
Close hauled (beat) - 42.0%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 47.3%
Run - 10.7%
Dead run - 0.0%

Spinnaker Legs - 58.0%
- incl. beam reaches - 58.0%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Run

References for laying marks:
IL - 191° (IL to mark X) & 61° (IL to mark 6)
OL - 214° (OL to mark X) & 344° (OL to mark 6)
Line Bearing - 112° (IL to OL)

Strong wind course. Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from mark 5.
Course code: SW1

Course: Y-P 9-P 6-P 1-S 2-S 8-P 7-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 9 2 8

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots)  48.53
F1-2 (2-7 knots)  18.59
F3-4 (7-17 knots)  10.34
F5+ (17+ knots)   9.06

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Beam reach
Leg 6: Broad reach
Leg 7: Beam reach

Course distance: 1,830m
To sail distance: 2,126m

Points of sail (by distance):
Close hauled (beat) - 39.2%
Close reach - 0.0%
Beam reach - 12.9%
Broad reach - 36.5%
Run - 11.4%
Dead run - 0.0%

Spinnaker Legs - 47.9%
- incl. beam reaches - 60.8%

References for laying marks:
IL - 219° (IL to mark Y) & 100° (IL to mark 7)
OL - 234° (OL to mark Y) & 353° (OL to mark 7)
Line Bearing - 137° (IL to OL)

Caution required on exit from mark 6 (shallows).
Course code: SW2

Course: 1-P Y-P 4-S 8-S X-S 6-P

Start/Finish: IL-S & OL-P every lap

Gybe at: Y 4

Course distance: 1,373m
To sail distance: 1,618m

Points of sail (by distance):
- Close hauled (beat) - 46.5%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 35.3%
- Run - 18.2%
- Dead run - 0.0%
- Spinnaker Legs - 53.5%

References for laying marks:
- IL - 215° (IL to mark 1) & 58° (IL to mark 6)
- OL - 231° (OL to mark 1) & 14° (OL to mark 6)
- Line Bearing - 131° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 37:53
- F1-2 (2-7 knots) 15:00
- F3-4 (7-17 knots) 8:16
- F5+ (17+ knots) 7:10

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from mark 6 & 8 (shallows).
Course code: SW3

Course: 1-P Y-P 4-P 2-P 8-P 7-P

Start/Finish: IL-S & OL-P every lap

Gybe at: Y 8

Caution required on exit from mark 4 (shallows). Lots of reaching.

Course distance: 1,409m
To sail distance: 1,620m

Points of sail (by distance):
- Close hauled (beat) - 43.1%
- Close reach - 0.0%
- Beam reach - 7.3%
- Broad reach - 49.6%
- Run - 0.0%
- Dead run - 0.0%

Spinnaker Legs - 49.6%
- incl. beam reaches - 56.9%

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 37:11
- F1-2 (2-7 knots) 14:27
- F3-4 (7-17 knots) 8:01
- F5+ (17+ knots) 6:55

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Broad reach
Leg 6: Beam reach

References for laying marks:
- IL - 227° (IL to mark 1) & 97° (IL to mark 7)
- OL - 239° (OL to mark 1) & 353° (OL to mark 7)
- Line Bearing - 142° (IL to OL)
Course code: SWL

Course: 1-P X-P 5-P

Start/Finish: IL-S & OL-P every lap

Gybe at: X

Very light wind course. Be careful not to position the inner limit end of too close to the shallows. Caution required on exit from mark 5.

Course distance: 557m
To sail distance: 658m

Points of sail (by distance):
- Close hauled (beat) - 44.9%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 24.5%
- Run - 30.6%
- Dead run - 0.0%
- Spinnaker Legs - 55.1% - incl. beam reaches - 55.1%

References for laying marks:
- IL - 203° (IL to mark 1) & 59° (IL to mark 5)
- OL - 232° (OL to mark 1) & 16° (OL to mark 5)
- Line Bearing - 127° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 15:32
- F1-2 (2-7 knots) 6:11
- F3-4 (7-17 knots) 3:24
- F5+ (17+ knots) 2:56

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Broad reach
Course code: SWS

Course: Y-S 4-P 2-P 8-S 9-S 7-P

Start/Finish: IL-S & OL-P every lap

No gybes

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots): 39.41m
- F1-2 (2-7 knots): 15.39m
- F3-4 (7-17 knots): 8.38m
- F5+ (17+ knots): 7.29m

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run

Course distance: 1,466m
To sail distance: 1,704m

Points of sail (by distance):
- Close hauled (beat): 47.3%
- Close reach: 0.0%
- Beam reach: 0.0%
- Broad reach: 43.0%
- Run: 9.7%
- Dead run: 0.0%

Spinnaker Legs: 52.7%
- incl. beam reaches: 52.7%

References for laying marks:
- IL: 219° (IL to mark Y) & 100° (IL to mark 7)
- OL: 234° (OL to mark Y) & 353° (OL to mark 7)
- Line Bearing: 137° (IL to OL)

Strong wind course. Caution required on exit from mark 4 (shallows).
Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from marks 8 & 9 (shallows).

Course: WSW1

Course code: WSW1

Course: 2-P 1-P 4-S 9-S Y-S 6-S 8-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 1 4 6

Course distance: 1,672m
To sail distance: 1,942m

Points of sail (by distance):
- Close hauled (beat) - 41.5%
  - Close reach - 0.0%
  - Beam reach - 0.0%
  - Broad reach - 58.5%
  - Run - 0.0%
  - Dead run - 0.0%
- Spinnaker Legs - 58.5%
  - incl. beam reaches - 58.5%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Broad reach

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 44:57
- F1-2 (2-7 knots) 17:32
- F3-4 (7-17 knots) 9:33
- F5+ (17+ knots) 8:12

References for laying marks:
IL - 265° (IL to mark 2) & 42° (IL to mark 8)
OL - 255° (OL to mark 2) & 119° (OL to mark 8)
Line Bearing - 350° (IL to OL)
Course code: WSW2

Course: 5-P 9-S 1-S 4-P 2-P X-P 7-P

Start/Finish: IL-S & OL-P every lap

Gybe at: X

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 39:59
- F1-2 (2-7 knots) 15:39
- F3-4 (7-17 knots) 8:36
- F5+ (17+ knots) 7:26

Course distance: 1,462m
To sail distance: 1,728m

Points of sail (by distance):
- Close hauled (beat) - 44.6%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 55.4%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 55.4%
  - incl. beam reaches - 55.4%

References for laying marks:
- IL - 237° (IL to mark 5) & 127° (IL to mark 7)
- OL - 271° (OL to mark 5) & 21° (OL to mark 7)
- Line Bearing - 164° (IL to OL)

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Broad reach

Caution required on approaches to mark 5 (shallows). Caution required on exit from marks 9 & 4 (shallows).
Shoreline
Shallows
Wind
Start line
Marks
Beats
Course
Fence line
Club house
Race tower

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from marks 9 & 8 (shallows).

Course code: WSW3
Course: 2-P 1-P 4-S 9-S Y-S 5-S 8-S
Start/Finish: IL-P & OL-S every lap
Gybe at: 1 4 5

Course distance: 1,596m
To sail distance: 1,866m

Points of sail (by distance):
Close hauled (beat) - 43.5%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 56.5%
Run - 0.0%
Dead run - 0.0%
Spinnaker Legs - 56.5%
- incl. beam reaches - 56.5%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Broad reach

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 43:11
F1-2 (2-7 knots) 16:53
F3-4 (7-17 knots) 9:15
F5+ (17+ knots) 7:58

References for laying marks:
IL - 265° (IL to mark 2) & 42° (IL to mark 8)
OL - 255° (OL to mark 2) & 119° (OL to mark 8)
Line Bearing - 350° (IL to OL)
Course code: WSWL

Course: 4-P 9-P 7-P

Start/Finish: IL-S & OL-P every lap

Gybe at: 9

Course distance: 502m
To sail distance: 591m

Points of sail (by distance):
- Close hauled (beat) - 42.8%
  - Close reach - 0.0%
  - Beam reach - 0.0%
  - Broad reach - 57.2%
  - Run - 0.0%
  - Dead run - 0.0%
- Broad reach - 57.2%
- Spinnaker Legs - 57.2%

References for laying marks:
- IL - 233° (IL to mark 4) & 118° (IL to mark 7)
- OL - 257° (OL to mark 4) & 12° (OL to mark 7)
- Line Bearing - 155° (IL to OL)

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 13:40
- F1-2 (2-7 knots) 5:20
- F3-4 (7-17 knots) 2:55
- F5+ (17+ knots) 2:31

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach

Very light wind course. Caution required on approach to mark 4 (shallows).
Course code: WSWS

Course: 5-P X-S 1-S 4-P 2-P 8-S 9-S 7-P

Start/Finish: IL-S & OL-P every lap

No gybes

Lap time estimate (based on a fast club boat):
F0-1 (0-2 knots) 44:51
F1-2 (2-7 knots) 17:53
F3-4 (7-17 knots) 9.59
F5+ (17+ knots) 8.41

Leg 1: Close hauled (beat)
Leg 2: Close reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run
Leg 7: Close hauled (beat)
Leg 8: Broad reach

Course distance: 1,648m
To sail distance: 1,931m

Points of sail (by distance):
Close hauled (beat) - 42.1%
Close reach - 8.3%
Beam reach - 0.0%
Broad reach - 20.1%
Run - 29.5%
Dead run - 0.0%

Spinnaker Legs - 49.6%
- incl. beam reaches - 49.6%

References for laying marks:
IL - 237° (IL to mark 5) & 127° (IL to mark 7)
OL - 271° (OL to mark 5) & 21° (OL to mark 7)
Line Bearing - 164° (IL to OL)

Strong wind course. Caution required on approaches to mark 5 (shallows). Caution required on exit from marks X, 4 & 8 (shallows).
Course code: W1

Course: 2-P Y-P 6-S 8-S 4-P 9-S

Start/Finish: IL-P & OL-S every lap

Gybe at: Y 6

Course distance: 1,456m
To sail distance: 1,711m

Points of sail (by distance):
- Close hauled (beat) - 42.6%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 47.4%
- Run - 10.0%
- Dead run - 0.0%
- Spinnaker Legs - 57.4%

Spinnaker Legs - incl. beam reaches - 57.4%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 39:51
- F1-2 (2-7 knots) 15:39
- F3-4 (7-17 knots) 8:33
- F5+ (17+ knots) 7:22

References for laying marks:
- IL - 272° (IL to mark 2) & 56° (IL to mark 9)
- OL - 257° (OL to mark 2) & 132° (OL to mark 9)
- Line Bearing - 357° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from mark 9 (shallows).
Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from mark 9 (shallows).

Course code: W2

Course: 2-P Y-P 5-S 8-S 4-P 9-S

Start/Finish: IL-P & OL-S every lap

Gybe at: Y 5?

Course distance: 1,380m
To sail distance: 1,635m

Points of sail (by distance):
- Close hauled (beat) - 44.9%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 27.7%
- Run - 10.5%
- Dead run - 16.8%
- Spinnaker Legs - 55.1%
- incl. beam reaches - 55.1%

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 38:59
- F1-2 (2-7 knots) 15:18
- F3-4 (7-17 knots) 8.28
- F5+ (17+ knots) 7.21

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Dead run
Leg 5: Close hauled (beat)
Leg 6: Run

References for laying marks:
- IL - 272° (IL to mark 2) & 56° (IL to mark 9)
- OL - 257° (OL to mark 2) & 132° (OL to mark 9)
- Line Bearing - 357° (IL to OL)
Course code: W3

Course: 2-P 1-P 7-S 8-S 4-P 9-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 1 7

Course distance: 1,392m
To sail distance: 1,647m

Points of sail (by distance):
Close hauled (beat) - 44.6%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 45.0%
Run - 10.4%
Dead run - 0.0%
Spinnaker Legs - 55.4%
- incl. beam reaches - 55.4%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 38:22
F1-2 (2-7 knots) 15:06
F3-4 (7-17 knots) 8:18
F5+ (17+ knots) 7:11

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from mark 9 (shallows).

Start/Finish: IL-P & OL-S every lap

Course: 2-P 1-P 7-S 8-S 4-P 9-S

Course distance: 1,392m
To sail distance: 1,647m

Points of sail (by distance):
Close hauled (beat) - 44.6%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 45.0%
Run - 10.4%
Dead run - 0.0%
Spinnaker Legs - 55.4%
- incl. beam reaches - 55.4%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Run

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 38:22
F1-2 (2-7 knots) 15:06
F3-4 (7-17 knots) 8:18
F5+ (17+ knots) 7:11

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on exit from mark 9 (shallows).
**Course code:** WL

**Course:** 2-P 1-P 4-S 9-S

**Start/Finish:** IL-P & OL-S every lap

**Gybe at:** 1 4

**Very light wind course. Be careful not to position the inner limit end too close to the shallows. Caution required on exit from mark 9.**

**Course distance:** 815m

**To sail distance:** 958m

**Points of sail (by distance):**
- Close hauled (beat) - 42.7%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 39.5%
- Run - 17.8%
- Dead run - 0.0%

**Spinnaker Legs - 57.3%**
- incl. beam reaches - 57.3%

**References for laying marks:**
- IL - 272° (IL to mark 2) & 56° (IL to mark 9)
- OL - 257° (OL to mark 2) & 132° (OL to mark 9)
- Line Bearing - 357° (IL to OL)

**Lap time estimate**
(based on a fast club boat):
- F0-1 (0-2 knots) 22:26
- F1-2 (2-7 knots) 8:51
- F3-4 (7-17 knots) 4:50
- F5+ (17+ knots) 4:10

**Leg 1:** Close hauled (beat)
**Leg 2:** Broad reach
**Leg 3:** Broad reach
**Leg 4:** Run
Course code: WS

Course: 2-P Y-S 1-S 7-P S-P 8-S 4-P 9-S

Start/Finish: IL-P & OL-S every lap

No gybes

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 50.33
F1-2 (2-7 knots) 19.53
F3-4 (7-17 knots) 11.02
F5+ (17+ knots) 9.36

Course distance: 1,797m
To sail distance: 2,135m

Points of sail (by distance):
Close hauled (beat) - 47.2%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 31.8%
Run - 8.1%
Dead run - 12.9%

Spinnaker Legs - 52.8%
- incl. beam reaches - 52.8%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Dead run
Leg 7: Close hauled (beat)
Leg 8: Run

Reference for laying marks:
IL - 272° (IL to mark 2) & 56° (IL to mark 9)
OL - 257° (OL to mark 2) & 132° (OL to mark 9)
Line Bearing - 357° (IL to OL)

Strong wind course. Be careful not to position the inner limit end too close to the shallows. Caution required on exit from marks Y & 9.
Be careful not to position the inner limit end of the start too close to the shore. Caution required on approach to mark 3 (shallows).

Course: 2-P 1-P 8-P 5-P 9-S 3-P X-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 1 X

Course code: WNW1

Course distance: 1,775m
To sail distance: 2,074m

Points of sail (by distance):
- Close hauled (beat) - 46.6%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 23.7%
- Run - 14.9%
- Dead run - 14.7%
- Spinnaker Legs - 53.4%
- incl. beam reaches - 53.4%

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) - 49:29
- F1-2 (2-7 knots) - 19:30
- F3-4 (7-17 knots) - 10:48
- F5+ (17+ knots) - 9:23

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Run
Leg 6: Close hauled (beat)
Leg 7: Dead run

References for laying marks:
- IL - 289° (IL to mark 2) & 59° (IL to mark X)
- OL - 265° (OL to mark 2) & 143° (OL to mark X)
- Line Bearing - 17° (IL to OL)
Be careful not to position the inner limit end of the start too close to the shallows. Caution required on approach to mark 3 (shallows).

Course code: WNW2

Course: 3-P 1-P X-P 2-S 8-P 5-P 9-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 1

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots) 48:42
F1-2 (2-7 knots) 19:10
F3-4 (7-17 knots) 10:33
F5+ (17+ knots) 9:08

Course distance: 1,795m
To sail distance: 2,095m

Points of sail (by distance):
Close hauled (beat) - 46.1%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 46.6%
Run - 7.3%
Dead run - 0.0%
Spinnaker Legs - 53.9% - incl. beam reaches - 53.9%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Broad reach
Leg 6: Close hauled (beat)
Leg 7: Run

References for laying marks:
IL - 287° (IL to mark 3) & 60° (IL to mark 9)
OL - 269° (OL to mark 3) & 144° (OL to mark 9)
Line Bearing - 18° (IL to OL)
Course code: WNW3

Course: 3-P Y-S 2-S 8-P 5-P 9-S

Start/Finish: IL-P & OL-S every lap

No gybes

Course distance: 1,577m
To sail distance: 1,858m

Points of sail (by distance):
- Close hauled (beat) - 47.6%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 30.9%
- Run - 21.5%
- Dead run - 0.0%
- Spinnaker Legs - 52.4%

Legs:
- Leg 1: Close hauled (beat)
- Leg 2: Run
- Leg 3: Close hauled (beat)
- Leg 4: Broad reach
- Leg 5: Close hauled (beat)
- Leg 6: Run

References for laying marks:
IL - 287° (IL to mark 3) & 60° (IL to mark 9)
OL - 269° (OL to mark 3) & 144° (OL to mark 9)
Line Bearing - 18° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 43.36
- F1-2 (2-7 knots) 17.19
- F3-4 (7-17 knots) 9.34
- F5+ (17+ knots) 8.19

Be careful not to position the inner limit end of the start too close to the shallows. Caution required on approach to mark 3 (shallows).
Very light wind course. Be careful not to position the inner limit end of the start too close to the shore.

Course: 2-P 1-P X-P
Start/Finish: IL-P & OL-S every lap
Gybe at: 1

Course distance: 560m
To sail distance: 652m

Points of sail (by distance):
- Close hauled (beat) - 45.8%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 30.4%
- Run - 23.7%
- Dead run - 0.0%
- Spinnaker Legs - 54.2%
  - incl. beam reaches - 54.2%

References for laying marks:
IL - 289° (IL to mark 2) & 59° (IL to mark X)
OL - 265° (OL to mark 2) & 143° (OL to mark X)
Line Bearing - 17° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 15:20
- F1-2 (2-7 knots) 6:05
- F3-4 (7-17 knots) 3:21
- F5+ (17+ knots) 2:54

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Broad reach
Course code: NW1
Course: 3-P 1-S 2-S 9-P 5-S 8-P 6-P Y-S
Start/Finish: IL-P & OL-S every lap
No gybes

Course distance: 1,742m
To sail distance: 2,009m

Points of sail (by distance):
- Close hauled (beat) - 37.2%
- Close reach - 0.0%
- Beam reach - 19.2%
- Broad reach - 33.3%
- Run - 10.3%
- Dead run - 0.0%
- Spinnaker Legs - 43.6%
- incl. beam reaches - 62.8%

References for laying marks:
IL - 327° (IL to mark 3) & 77° (IL to mark Y)
OL - 299° (OL to mark 3) & 190° (OL to mark Y)
Line Bearing - 43° (IL to OL)

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 45:51
- F1-2 (2-7 knots) 17:41
- F3-4 (7-17 knots) 9:55
- F5+ (17+ knots) 8:32

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Beam reach

Caution required on approach to mark 3 (shallows).
Caution required on approach to mark 3 (shallows).

Course code: NW2

Course: 3-P 1-S 2-S 8-P 6-P 5-P 9-S 4-P Y-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 57 9

Course distance: 1,741m
To sail distance: 1,990m

Points of sail (by distance):
- Close hauled (beat) - 38.0%
- Close reach - 0.0%
- Beam reach - 7.9%
- Broad reach - 36.2%
- Run - 10.3%
- Dead run - 7.6%
- Spinnaker Legs - 54.1%
  - incl. beam reaches - 62.0%

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 46.28
- F1-2 (2-7 knots) 18.02
- F3-4 (7-17 knots) 9.54
- F5+ (17+ knots) 8.30

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Beam reach
Leg 7: Dead run
Leg 8: Close hauled (beat)
Leg 9: Broad reach

References for laying marks:
IL - 327° (IL to mark 3) & 77° (IL to mark Y)
OL - 299° (OL to mark 3) & 190° (OL to mark Y)
Line Bearing - 43° (IL to OL)
Caution required on approach to mark 3 (shallows).

Course code: NW3

Course: 3-P 1-S 2-S 8-P 6-P 9-S 5-P Y-S

Start/Finish: IL-P & OL-S every lap

No gybes

Course distance: 1,697m
To sail distance: 1,965m

Points of sail (by distance):
- Close hauled (beat) - 38.2%
- Close reach - 0.0%
- Beam reach - 11.9%
- Broad reach - 39.3%
- Run - 10.5%
- Dead run - 0.0%
- Spinnaker Legs - 49.9%
  - incl. beam reaches - 61.8%

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Close hauled (beat)
Leg 4: Broad reach
Leg 5: Close hauled (beat)
Leg 6: Broad reach
Leg 7: Close hauled (beat)
Leg 8: Beam reach

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 45:12
- F1-2 (2-7 knots) 17:32
- F3-4 (7-17 knots) 9:43
- F5+ (17+ knots) 8:21

References for laying marks:
- IL - 327° (IL to mark 3) & 77° (IL to mark Y)
- OL - 299° (OL to mark 3) & 190° (OL to mark Y)
- Line Bearing - 43° (IL to OL)
Course code: NWL

Course: 3-P 2-P 1-P Y-P

Start/Finish: IL-P & OL-S every lap

Gybe at: 2°

Very light wind course. Caution required on approach to mark 3 (shallows).

Course distance: 475m

To sail distance: 561m

Points of sail (by distance):
- Close hauled (beat) - 43.7%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 28.4%
- Run - 0.0%
- Dead run - 27.9%
- Spinnaker Legs - 56.3%
- incl. beam reaches - 56.3%

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 13:30
- F1-2 (2-7 knots) 5:15
- F3-4 (7-17 knots) 2:54
- F5+ (17+ knots) 2:31

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Dead run
Leg 4: Broad reach

References for laying marks:
- IL - 327° (IL to mark 3) & 77° (IL to mark Y)
- OL - 299° (OL to mark 3) & 190° (OL to mark Y)
- Line Bearing - 43° (IL to OL)
Be careful not to position the inner limit end of the start too close to the shore. Lots of reaching.

Course code: NNW1

Course: 3-P 2-P X-P 4-S 8-P 6-P 1-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 2

Course distance: 1,463m
To sail distance: 1,628m

Points of sail (by distance):
- Close hauled (beat) - 31.8%
- Close reach - 0.0%
- Beam reach - 19.6%
- Broad reach - 48.6%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 48.6%
- incl. beam reaches - 68.2%

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 36:50
- F1-2 (2-7 knots) 14:00
- F3-4 (7-17 knots) 7:43
- F5+ (17+ knots) 6:34

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Beam reach
Leg 6: Close hauled (beat)
Leg 7: Broad reach
Course code: NNW2
Course: 3-P 2-P X 4-S 9-P 5-S 8-P 6-P 1-S
Start/Finish: IL-P & OL-S every lap
Gybe at: 2

Course distance: 1,699m
To sail distance: 1,899m

Points of sail (by distance):
- Close hauled (beat) - 35.1%
- Close reach - 0.0%
- Beam reach - 0.0%
- Broad reach - 64.9%
- Run - 0.0%
- Dead run - 0.0%
- Spinnaker Legs - 64.9%
- incl. beam reaches - 64.9%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Broad reach
Leg 6: Close hauled (beat)
Leg 7: Broad reach
Leg 8: Close hauled (beat)
Leg 9: Broad reach

Lap time estimate (based on a fast club boat):
- F0-1 (0-2 knots) 43:57
- F1-2 (2-7 knots) 17:00
- F3-4 (7-17 knots) 9:03
- F5+ (17+ knots) 7:40

References for laying marks:
- IL - 347° (IL to mark 3) & 99° (IL to mark 1)
- OL - 317° (OL to mark 3) & 205° (OL to mark 1)
- Line Bearing - 62° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shore. Lots of reaching.
Course code: NNW3

Course: 3-P 2-P 9-P 5-P X-S 4-S 8-P 6-P 1-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 2

Lap time estimate (based on a fast club boat):

- F0-1 (0-2 knots) 45:13
- F1-2 (2-7 knots) 17:05
- F3-4 (7-17 knots) 9:47
- F5+ (17+ knots) 8:24

Course distance: 1,823m
To sail distance: 2,023m

Points of sail (by distance):
- Close hauled (beat) - 32.7%
  - Close reach - 0.0%
  - Beam reach - 34.9%
  - Broad reach - 24.9%
  - Run - 7.5%
  - Dead run - 0.0%
- Spinnaker Legs - 32.4%
  - incl. beam reaches - 67.3%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Beam reach
Leg 4: Close hauled (beat)
Leg 5: Run
Leg 6: Close hauled (beat)
Leg 7: Beam reach
Leg 8: Close hauled (beat)
Leg 9: Broad reach

References for laying marks:
- IL - 347° (IL to mark 3) & 99° (IL to mark 1)
- OL - 317° (OL to mark 3) & 205° (OL to mark 1)

Line Bearing - 62° (IL to OL)

Be careful not to position the inner limit end of the start too close to the shore. Lots of reaching.
Course code: NNWL

Course: 3-P 2-P X-P 4-P 1-S

Start/Finish: IL-P & OL-S every lap

Gybe at: 2

Lap time estimate
(based on a fast club boat):
F0-1 (0-2 knots)  21.01
F1-2 (2-7 knots)  8.09
F3-4 (7-17 knots) 4.22
F5+ (17+ knots)  3.43

Course distance: 793m
To sail distance: 908m

Points of sail (by distance):
Close hauled (beat) - 36.4%
Close reach - 0.0%
Beam reach - 0.0%
Broad reach - 63.6%
Run - 0.0%
Dead run - 0.0%

Spinnaker Legs - 63.6%
- incl. beam reaches - 63.6%

Leg 1: Close hauled (beat)
Leg 2: Broad reach
Leg 3: Broad reach
Leg 4: Close hauled (beat)
Leg 5: Broad reach

References for laying marks:
IL - 347° (IL to mark 3) & 99° (IL to mark 1)
OL - 317° (OL to mark 3) & 205° (OL to mark 1)
Line Bearing - 62° (IL to OL)
Strong wind course. Be careful not to position the inner limit end of the start too close to the shore. Lots of reaching.

Course: 3-S Y-P X-P 4-S 9-P 5-S 8-P 6-P 1-S

Start/Finish: IL-P & OL-S every lap

No gybes

Course distance: 1,687m
To sail distance: 1,887m

Points of sail (by distance):
- Close hauled (beat) - 35.4%
- Close reach - 0.0%
- Beam reach - 6.1%
- Broad reach - 46.2%
- Run - 12.3%
- Dead run - 0.0%

Spinnaker Legs - 58.5%
- incl. beam reaches - 64.6%

References for laying marks:
- IL - 350° (IL to mark 3) & 93° (IL to mark 1)
- OL - 320° (OL to mark 3) & 197° (OL to mark 1)
- Line Bearing - 62° (IL to OL)

Lap time estimate
(based on a fast club boat):
- F0-1 (0-2 knots) 43:44
- F1-2 (2-7 knots) 16:58
- F3-4 (7-17 knots) 9:10
- F5+ (17+ knots) 7:48

Leg 1: Close hauled (beat)
Leg 2: Run
Leg 3: Beam reach
Leg 4: Close hauled (beat)
Leg 5: Broad reach
Leg 6: Close hauled (beat)
Leg 7: Broad reach
Leg 8: Close hauled (beat)
Leg 9: Broad reach