

Name	Number	Description
Number of Legs	Distance	
DRAKA	1	Drakes Bay Saturday
5	28.1 n mi	
DRAKB1	2	Drakes Bay Sunday 1
5	28.3 n mi	
DRAKB2	3	Drakes Bay Sunday 2
4	32.9 n mi	
DRAKB3	4	Drakes Bay Sunday 3
6	47.5 n mi	
DUXSHP	5	Duxship
7	31.8 n mi	
FARALL	6	Farallones
5	56.5 n mi	
JWATR1	7	Jr Waterhouse 1
7	20.7 n mi	
JWATR2	8	Jr Waterhouse 2
9	32.6 n mi	
JWATR3	9	Jr Waterhouse 3
9	41.3 n mi	
JWATR4	10	Jr Waterhouse 4
10	50.0 n mi	
LITEI	11	Lightship I
5	25.1 n mi	
LITEII	12	Lightship II
5	25.3 n mi	

Symbol Comment Longitude Bearing	Description Type Elevation	Waypoint Latitude Distance to Active Point
Red Buoy ANO NUEVO W122°20.527' N/A	Ano Nuevo Red Buoy 0.0 ft	ANONUE N37°05.741' N/A
Green Buoy PT BLUNT W122°25.041' N/A	Pt Blunt Green Buoy 0.0 ft	BLUNT N37°51.032' N/A
Red Buoy BONITA CHAN BUOY R2 W122°34.099' N/A	Bonita Channel Buoy Red Buoy 0.0 ft	BONIR2 N37°50.018' N/A
Danger OFF PT BONITA W122°31.732' N/A	Off Pt Bonita Danger 0.0 ft	BONITA N37°48.814' N/A
Red Buoy CASTRO ROCKS BUOY W122°25.251' N/A	Castro Rocks Buoy Red Buoy 0.0 ft	CR N37°55.899' N/A
Green Buoy DUXBURY REEF BUOY W122°41.725' N/A	Duxbury Reef Whistl Green Buoy 0.0 ft	DR N37°51.617' N/A
Default DRAKES BAY CHIM RK W122°57.373' N/A	Drakes Bay off Chim Default 0.0 ft	DRAKCR N37°59.401' N/A
Mark DRAKES BAY FINISH W122°58.471' N/A	Drakes Bay Finish Mark 0.0 ft	DRAKEF N37°59.941' N/A
Mark DRAKES BAY START W122°58.424' N/A	Drakes Bay Start Mark 0.0 ft	DRAKES N38°00.288' N/A
Default SE FARALLONE 1 W123°01.023' N/A	SE Farallone 1 Default 0.0 ft	FARA1 N37°41.855' N/A
Default SE FARALLONE 2 W123°00.278' N/A	SE Farallone 2 Default 0.0 ft	FARA2 N37°41.466' N/A
Green Buoy SF MAIN SHIP CHAN C W122°35.401' N/A	SF Main Ship Channe Green Buoy 0.0 ft	G7 N37°46.909' N/A

Symbol Comment Longitude Bearing	Description Type Elevation	Waypoint Latitude Distance to Active Point
Default GOLDEN GATE BRIDGE W122°28.695' N/A	Golden Gate bridge Default 0.0 ft	GATE N37°49.034' N/A
Red Buoy KNOX BUOY W122°26.617' N/A	Knox Buoy Red Buoy 0.0 ft	KNOX N37°51.168' N/A
Green Day MARE IS CHAN 1 W122°14.838' N/A	Mare Island Channel Green Day 0.0 ft	MARE 1 N38°04.254' N/A
Mark MONTEREY MUNI WHAR W121°53.298' N/A	Municipal Wharf #2 Mark 0.0 ft	MNTRY2 N36°36.844' N/A
Default OFF POINT MONTARA W122°32.192' N/A	Off Point Montara Default 0.0 ft	MONTAR N37°32.186' N/A
Default PIGEON PT W122°24.783' N/A	Off Pigeon Pt Default 0.0 ft	PIGEON N37°10.719' N/A
Green Buoy PILLAR PT GONG 1 W122°30.363' N/A	Pillar Point Gong E Green Buoy 0.0 ft	PILLR1 N37°29.171' N/A
Green Buoy PILLAR PT BUOY 3 W122°28.969' N/A	Pillar Point Bell E Green Buoy 0.0 ft	PILLR3 N37°28.881' N/A
Red Day PT PINOLE DAY MARK W122°22.051' N/A	Point Pinole day ma Red Day 0.0 ft	PINOLE N38°00.994' N/A
Red Buoy MAIN SHIP CHAN R2 W122°37.743' N/A	Main Ship Channel E Red Buoy 0.0 ft	R2 N37°45.815' N/A
Red Buoy R4 EAST OF PT BLUNI W122°23.777' N/A	R4 east of Pt Blunt Red Buoy 0.0 ft	R4BLNT N37°50.834' N/A
Red Buoy MAIN SHIP CHAN R8 W122°35.219' N/A	Main Ship Channel E Red Buoy 0.0 ft	R8 N37°46.504' N/A

Symbol Comment Longitude Bearing	Description Type Elevation	Waypoint Latitude Distance to Active Point
Default RICHMOND BREAKWATER W122°23.521' N/A	Richmond Breakwater Default 0.0 ft	RCHBRK N37°54.234' N/A
Green Buoy RICHMOND YC G7 W122°23.171' N/A	Richmond Yacht Cluk Green Buoy 0.0 ft	RYCG7 N37°54.392' N/A
Red Buoy PT SAN PABLO BUOY R W122°25.753' N/A	Point San Pablo buc Red Buoy 0.0 ft	SANPAB N37°58.066' N/A
Default OFF SEAL ROCKS W122°31.208' N/A	Off Seal Rocks Default 0.0 ft	SEALRK N37°46.888' N/A
Red Buoy APPROACH BUOY R SF W122°41.581' N/A	Approach Buoy R SF Red Buoy 0.0 ft	SF N37°45.000' N/A
Bell SF N TRAFFIC LANE W122°47.952' N/A	SF North Traffic La Bell 0.0 ft	SF N N37°48.222' N/A
Bell SF S TRAFFIC LANE W122°41.703' N/A	SF South Traffic La Bell 0.0 ft	SF S N37°38.993' N/A
Mark VALLEJO FINISH SUN W122°27.418' N/A	Vallejo Finish Sun Mark 0.0 ft	V FNSH N37°57.124' N/A
Mark VALLEJO START SAT W122°22.367' N/A	Vallejo Start Sat Mark 0.0 ft	V STRT N37°50.851' N/A
Mark VALLEJO YC W122°15.446' N/A	Vallejo YC Finish s Mark 0.0 ft	VYC N38°05.451' N/A
Mark YRA A W122°26.730' N/A	YRA A Mark 0.0 ft	YRA A N37°48.661' N/A
Mark YRA X W122°26.570' N/A	YRA X Mark 0.0 ft	YRA X N37°48.660' N/A

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Symbol	Description	Waypoint
Comment	Type	Latitude
Longitude	Elevation	Distance to Active Point
Bearing		
Green Buoy	Little Harding Rock	YRA12
LITTLE HARDING ROCK	Green Buoy	N37°50.637'
W122°27.184'	0.0 ft	N/A
N/A		

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Name Distance	Number Bearing	Description Waypoint
YRA X-GATE 1.7 n mi	1 282.6°	YRA X-GATE YRA X
GATE-BONITA 2.4 n mi	2 264.8°	GATE-BONITA GATE
BONITA-DR 8.4 n mi	3 289.6°	BONITA-DR BONITA
DR-DRAKEF 15.6 n mi	4 302.3°	DR-DRAKEF DR
DRAKEF-DRAKEF 0 ft	5 0.0°	DRAKEF-DRAKEF DRAKEF

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Name Distance	Number Bearing	Description Waypoint
DRAKES-DR 15.8 n mi	1 123.3°	DRAKES-DR DRAKES
DR-BONITA 8.4 n mi	2 109.5°	DR-BONITA DR
BONITA-GATE 2.4 n mi	3 84.7°	BONITA-GATE BONITA
GATE-YRA X 1.7 n mi	4 102.5°	GATE-YRA X GATE
YRA X-YRA X 0 ft	5 0.0°	YRA X-YRA X YRA X

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Name Distance	Number Bearing	Description Waypoint
DRAKES-SF 20.3 n mi	1 138.9°	DRAKES-SF DRAKES
SF-GATE 11.0 n mi	2 68.3°	SF-GATE SF
GATE-YRA X 1.7 n mi	3 102.5°	GATE-YRA X GATE
YRA X-YRA X 0 ft	4 0.0°	YRA X-YRA X YRA X

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Name Distance	Number Bearing	Description Waypoint
DRAKES-DRAKCR 1.2 n mi	1 137.0°	DRAKES-DRAKCR DRAKES
DRAKCR-FARA1 17.8 n mi	2 189.3°	DRAKCR-FARA1 DRAKCR
FARA1-FARA2 0.7 n mi	3 123.4°	FARA1-FARA2 FARA1
FARA2-GATE 26.1 n mi	4 73.0°	FARA2-GATE FARA2
GATE-YRA X 1.7 n mi	5 102.5°	GATE-YRA X GATE
YRA X-YRA X 0 ft	6 0.0°	YRA X-YRA X YRA X

Name Distance	Number Bearing	Description Waypoint
YRA X-GATE 1.7 n mi	1 282.6°	YRA X-GATE YRA X
GATE-BONITA 2.4 n mi	2 264.8°	GATE-BONITA GATE
BONITA-DR 8.4 n mi	3 289.6°	BONITA-DR BONITA
DR-SF 6.6 n mi	4 179.0°	DR-SF DR
SF-GATE 11.0 n mi	5 68.3°	SF-GATE SF
GATE-YRA X 1.7 n mi	6 102.5°	GATE-YRA X GATE
YRA X-YRA X 0 ft	7 0.0°	YRA X-YRA X YRA X

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Name Distance	Number Bearing	Description Waypoint
YRA X-GATE 1.7 n mi	1 282.6°	YRA X-GATE YRA X
GATE-FARA1 26.5 n mi	2 254.5°	GATE-FARA1 GATE
FARA1-GATE 26.5 n mi	3 74.1°	FARA1-GATE FARA1
GATE-YRA X 1.7 n mi	4 102.5°	GATE-YRA X GATE
YRA X-YRA X 0 ft	5 0.0°	YRA X-YRA X YRA X

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Name Distance	Number Bearing	Description Waypoint
YRA12-GATE 2.0 n mi	1 216.7°	YRA12-GATE YRA12
GATE-G7 5.7 n mi	2 248.2°	GATE-G7 GATE
G7-GATE 5.7 n mi	3 68.1°	G7-GATE G7
GATE-BLUNT 3.5 n mi	4 55.3°	GATE-BLUNT GATE
BLUNT-RCHBRK 3.4 n mi	5 20.5°	BLUNT-RCHBRK BLUNT
RCHBRK-RYCG7 0.3 n mi	6 60.2°	RCHBRK-RYCG7 RCHBRK
RYCG7-RYCG7 0 ft	7 0.0°	RYCG7-RYCG7 RYCG7

Name Distance	Number Bearing	Description Waypoint
YRA12-GATE 2.0 n mi	1 216.7°	YRA12-GATE YRA12
GATE-SF 11.0 n mi	2 248.5°	GATE-SF GATE
SF-BONIR2 7.8 n mi	3 49.6°	SF-BONIR2 SF
BONIR2-BONITA 2.2 n mi	4 122.8°	BONIR2-BONITA BONIR2
BONITA-GATE 2.4 n mi	5 84.7°	BONITA-GATE BONITA
GATE-BLUNT 3.5 n mi	6 55.3°	GATE-BLUNT GATE
BLUNT-RCHBRK 3.4 n mi	7 20.5°	BLUNT-RCHBRK BLUNT
RCHBRK-RYCG7 0.3 n mi	8 60.2°	RCHBRK-RYCG7 RCHBRK
RYCG7-RYCG7 0 ft	9 0.0°	RYCG7-RYCG7 RYCG7

Name Distance	Number Bearing	Description Waypoint
YRA12-GATE 2.0 n mi	1 216.7°	YRA12-GATE YRA12
GATE-G7 5.7 n mi	2 248.2°	GATE-G7 GATE
G7-SF S 9.4 n mi	3 212.2°	G7-SF S G7
SF S-SF 6.0 n mi	4 0.9°	SF S-SF SF S
SF-GATE 11.0 n mi	5 68.3°	SF-GATE SF
GATE-BLUNT 3.5 n mi	6 55.3°	GATE-BLUNT GATE
BLUNT-RCHBRK 3.4 n mi	7 20.5°	BLUNT-RCHBRK BLUNT
RCHBRK-RYCG7 0.3 n mi	8 60.2°	RCHBRK-RYCG7 RCHBRK
RYCG7-RYCG7 0 ft	9 0.0°	RYCG7-RYCG7 RYCG7

Name Distance	Number Bearing	Description Waypoint
YRA12-GATE 2.0 n mi	1 216.7°	YRA12-GATE YRA12
GATE-G7 5.7 n mi	2 248.2°	GATE-G7 GATE
G7-SF S 9.4 n mi	3 212.2°	G7-SF S G7
SF S-SF N 10.5 n mi	4 331.9°	SF S-SF N SF S
SF N-BONITA 12.8 n mi	5 87.3°	SF N-BONITA SF N
BONITA-GATE 2.4 n mi	6 84.7°	BONITA-GATE BONITA
GATE-BLUNT 3.5 n mi	7 55.3°	GATE-BLUNT GATE
BLUNT-RCHBRK 3.4 n mi	8 20.5°	BLUNT-RCHBRK BLUNT
RCHBRK-RYCG7 0.3 n mi	9 60.2°	RCHBRK-RYCG7 RCHBRK
RYCG7-RYCG7 0 ft	10 0.0°	RYCG7-RYCG7 RYCG7

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Name Distance	Number Bearing	Description Waypoint
YRA A-GATE 1.6 n mi	1 283.5°	YRA A-GATE YRA A
GATE-SF 11.0 n mi	2 248.5°	GATE-SF GATE
SF-GATE 11.0 n mi	3 68.3°	SF-GATE SF
GATE-YRA A 1.6 n mi	4 103.5°	GATE-YRA A GATE
YRA A-YRA A 0 ft	5 0.0°	YRA A-YRA A YRA A

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Name Distance	Number Bearing	Description Waypoint
YRA X-GATE 1.7 n mi	1 282.6°	YRA X-GATE YRA X
GATE-SF 11.0 n mi	2 248.5°	GATE-SF GATE
SF-GATE 11.0 n mi	3 68.3°	SF-GATE SF
GATE-YRA X 1.7 n mi	4 102.5°	GATE-YRA X GATE
YRA X-YRA X 0 ft	5 0.0°	YRA X-YRA X YRA X

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