The Loss of Clipper Ventures 24

Information and Images from

MAIB Accident Report

“Report on the investigation of the grounding and loss of the UK registered yacht CV24 at Cape Peninsula, South Africa, on 31 October, 2017

Clipper Round the World Race

- Pay-to-sail race around the world on 12 identical 70 foot sloops
- One professional captain on each yacht
- Extensive training program prior to the event
- Sailors can sign up for one or more legs or the entire race
- Course is similar to Volvo Ocean Race with about 12 legs; passes through Panama Canal

Opportunity of a lifetime

The Race Course

Previous Incidents

Groundings

- Loss of CV4, Indonesia, 1/2010

Crew overboard, successful, 3/2014

Gybe causing trauma, fatal, 2015

Crew overboard fatal, 11/2017

Crew overboard, fatal, 12/2017

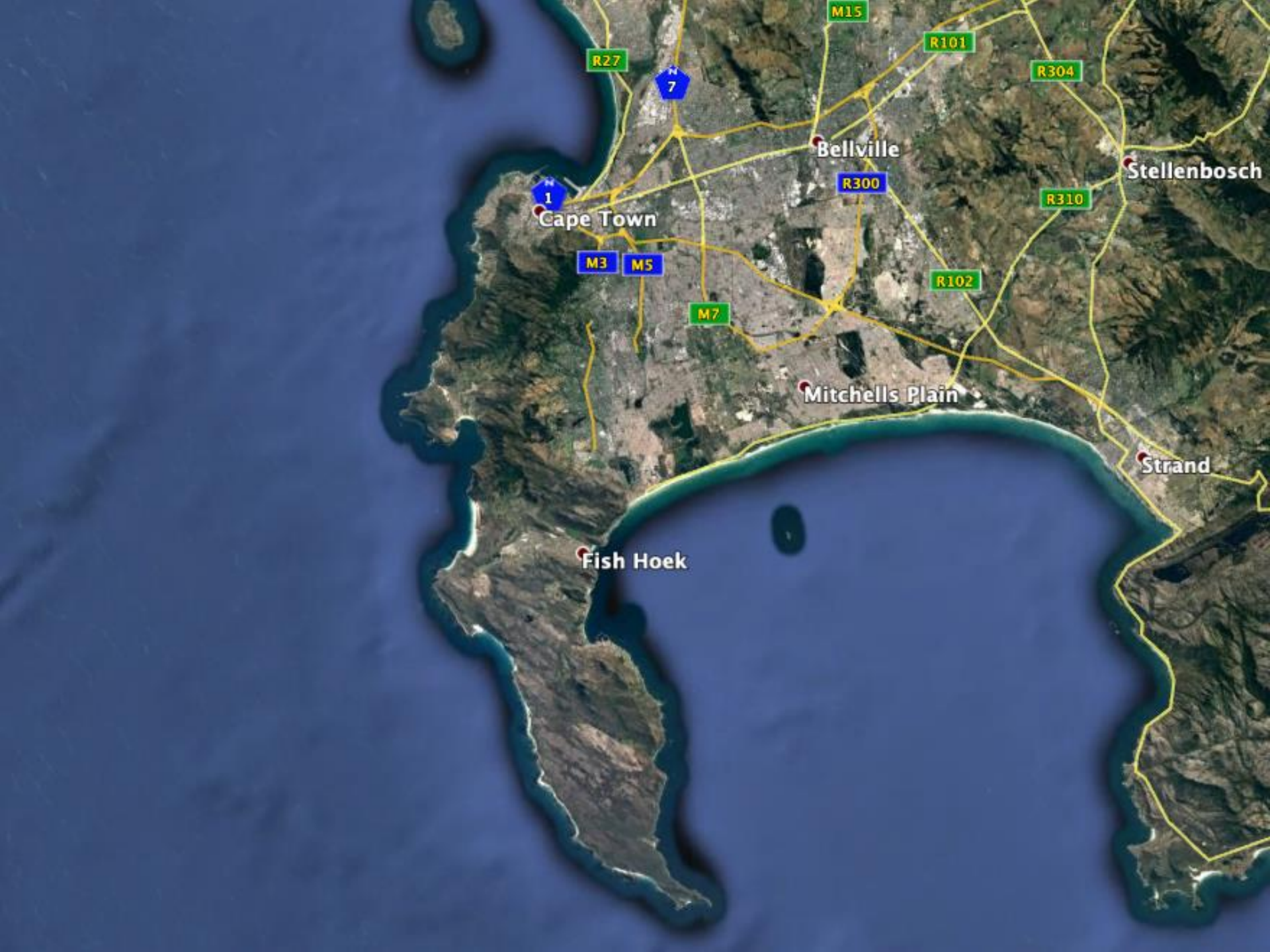
Mandatory reporting to Head of Training

- Successful MOB recovery
- Crash or accidental gybes
- 25 months: 107 reported incidents

Aground in Brazil during 2015-2016 Race

0:46 / 2:02

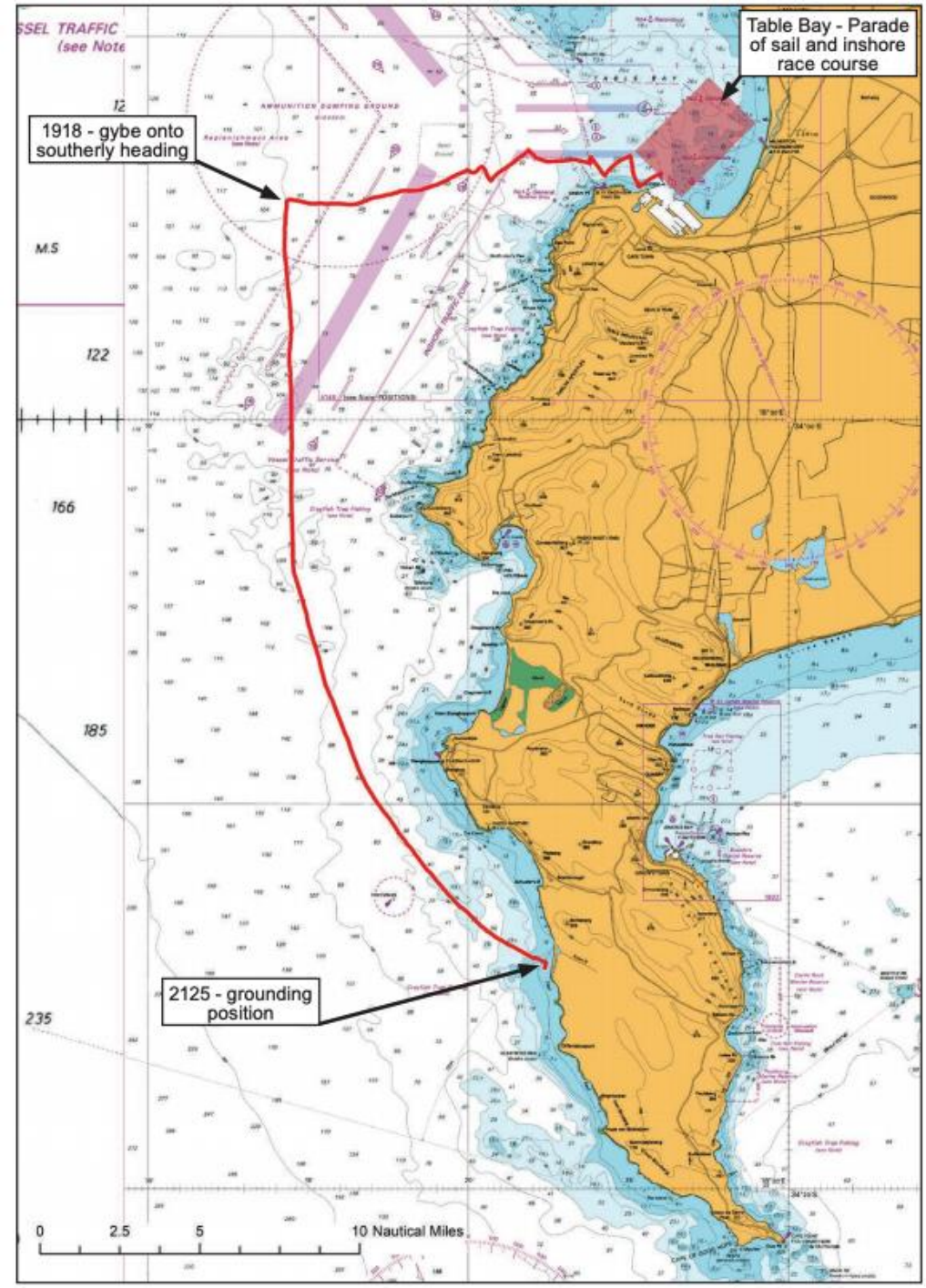
Cork
discoverireland.com


M15
R101
R27
N 7
R304
Bellville
Stellenbosch
N 1
R300
R310
Cape Town
M3
M5
R102
M7
Mitchells Plain
Strand
Fish Hoek

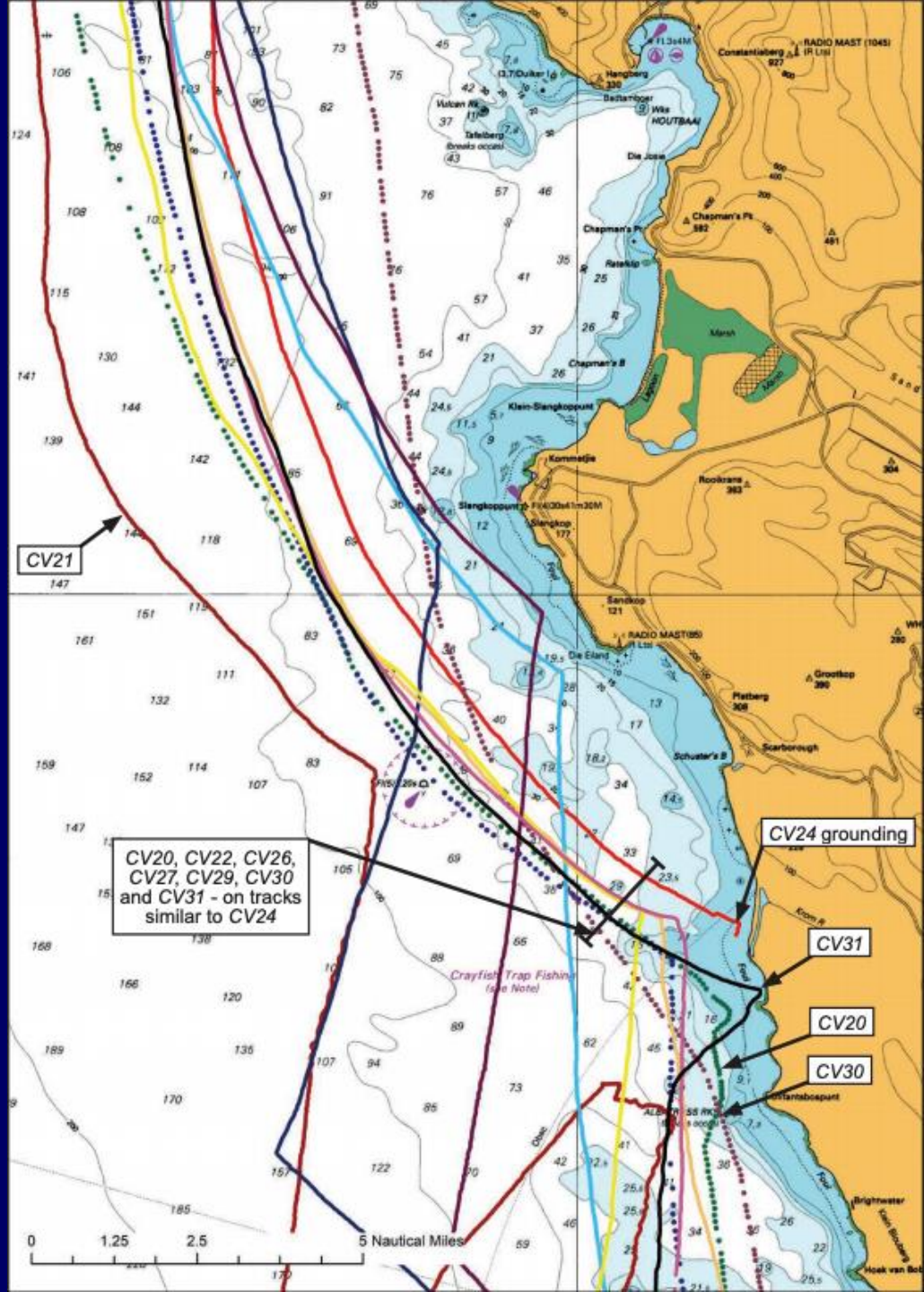
Path of CV24 from the start of Leg 3, along Cape Peninsula

Winds initially out of the NE; began to back as fleet went south.

Breeze freshened from the north, then NNW



Paths of vessels along Cape Peninsula



Standard Wind Functions

COG

SOG

VMG

Garmin GPS
Map plotter
Timezero
display
KEEP
CALM
CARRY
ON
VHF radio/intercom
to helm station

2121 - broach
2123 - gybe
2125 - grounding
0
0.05
0.1
0.2 Nautical Miles

Lessons Learned

1. Loss of situational awareness was the proximate cause of the grounding, i.e. navigation was ignored so that the gybe could be safely carried out.
2. Past groundings were logged, but did not result in changes in vessel operation.
3. A lack of a passage plan made it more difficult to determine that the vessel was off-course
4. Navigational training was not part of their comprehensive training program.
5. Key navigational information was either not displayed or not available on deck.

SAFETY-AT-SEA SEMINARS

US Sailing and World Sailing Certificates

- Both certificates will be sent to your email address in a PDF format in the next couple of weeks, directly from US Sailing. There will not be a hard copy mailed. US Sailing will also list you on their website as completing the course.

Surveys

- MTAM will email you a link to our survey. We value your feedback so we can continue to improve our event.

Presentation Slides

- Will be posted on the MTAM.ORG website within the next two weeks.

Resources

- The Safety at Sea book and videos are excellent additional resources and can be purchased on the US Sailing website.

Sunday

- World Sailing meet in Luce Hall. Check-in 0745-0830, first class 0830. LUNCH TICKET is *green* and will be checked at registration.

- Advanced Cruising meet in Alumni Hall. No check-in, lectures start at 0830. LUNCH TICKET is *blue*.

- Bring your own coffee on Sunday!

- Bring your foul weather gear, PFD and a bag to take your wet gear home if you’re getting in the pool.

- Sunday will wrap up around 1600 (4pm).

Sunday Course Locations

- Advanced Racing 0745-0830 Registration at Luce Hall GREEN lunch ticket
- Advanced Cruising 0830 at Alumni Hall (no check-in) BLUE lunch ticket

Thank you for attending our 40th Anniversary Safety at Sea Seminar!