



Race Scoring Topics

*If it doesn't matter who wins or loses,
then why do they keep score?*

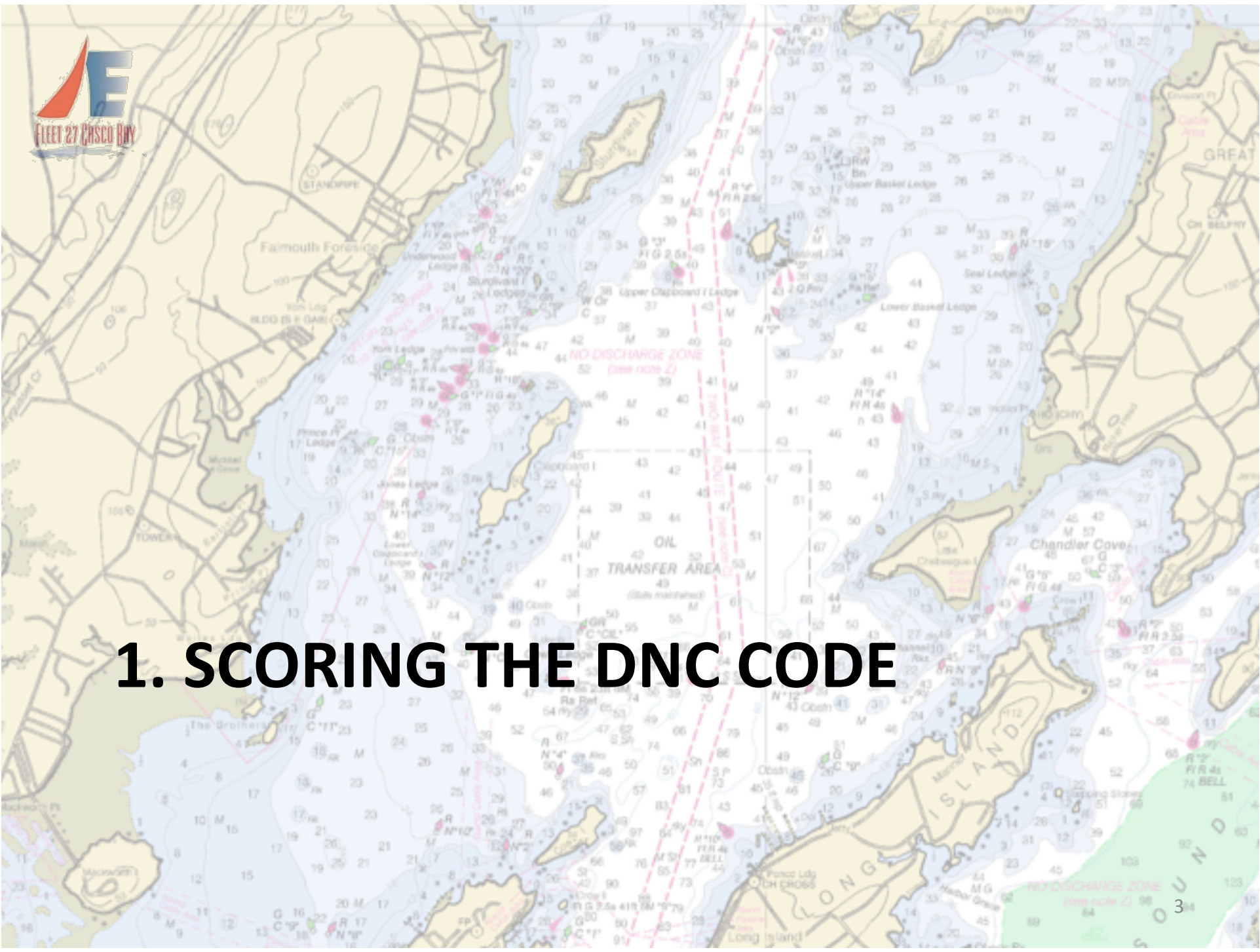
Casco Bay Etchells Fleet 27

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Agenda

- **Three Topics About Race Scoring**
 1. **Scoring the DNC Code**
 2. **Daily Award to Most Improved Boat**
 3. **R/C Duty Scoring Options**
- **Obtain Fleet 27 Membership Consensus / Approval**
- **Document Approved Procedures in 2019 NOR & SI's**



1. SCORING THE DNC CODE



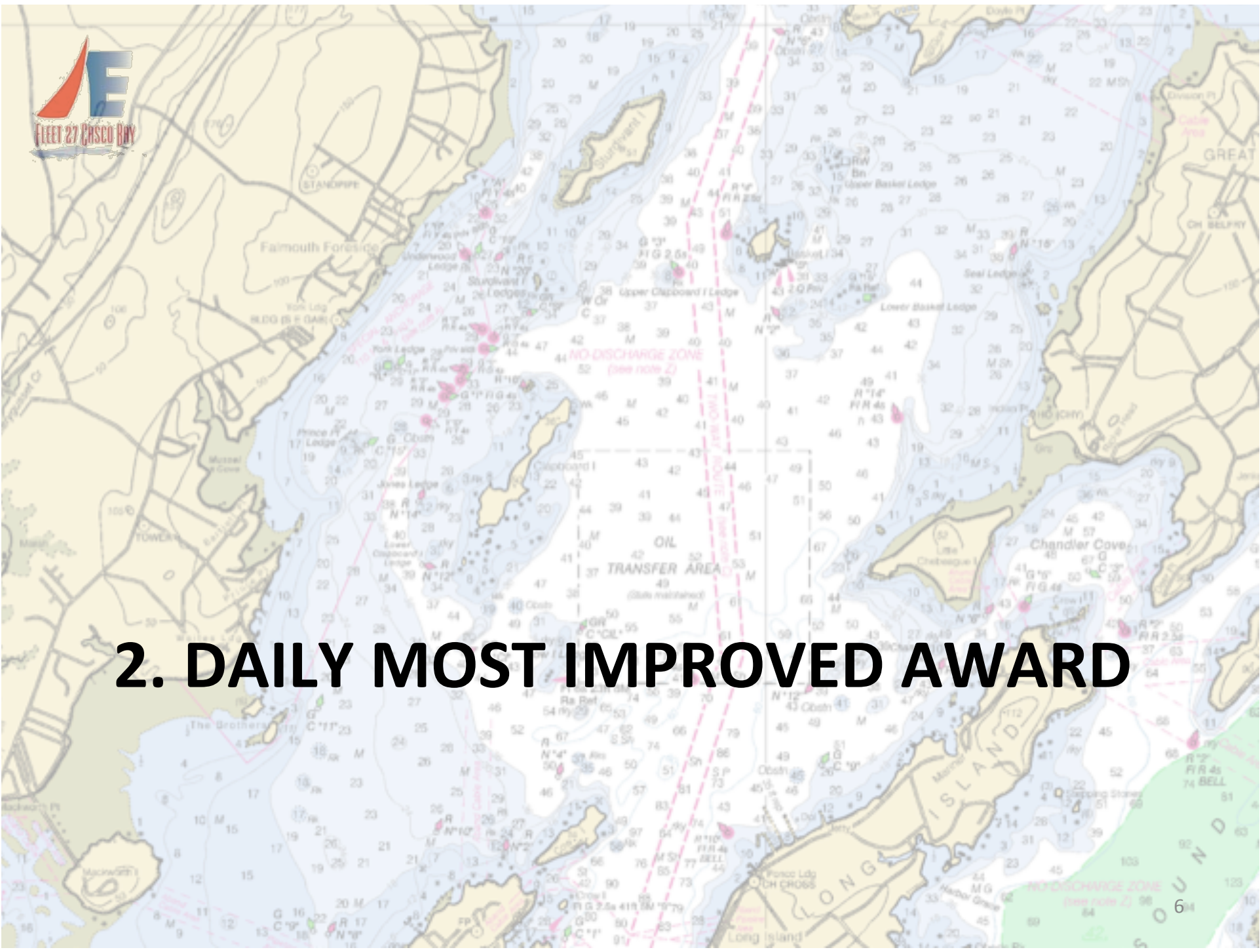
Scoring a DNC

- RRS A9: DNC Score = Number of Entries in the Series + 1
- But, Some Members Think Even if a Boat is Registered (Paid Its Dues), But it Never Races, It Should Not Be Counted as an Entry
 - Occasionally Boats Register for the Series, But Never Sail a Race,
 - Other Boats that Occasionally are DNC Pay an Additional Penalty for Not Racing
 - If a Properly Registered Boat is Counted as an Entry in the Series Only After this Boat “Came to the Starting Area” for at Least One Race of the Series, the DNC Score is Lessened a Little



Recommended Clarifications to NOR and SI

- DNC is 1 more than the number of entrants in any series
 - Per RRS A9 – No Change
- New Clarification: An Entry Means:
 - A Boat that is Properly Registered for the Series, and
 - Comes to the Starting Area and Checks-in with R/C for At Least One Race of the Series
- As Entrants Increase in Number During any Series, that Series is Rescored to Reflect the New Number of Entrants
 - Formalizing Current Practice
 - Rescoring Series is Routine in *SailWave*
- If a Boat Comes to the Starting Area and Checks in for any Single Race on a Given Day, the Boat Counts as a “Boat in the Starting Area” for all Races of that Day
 - Formalizing Current Practice



2. DAILY MOST IMPROVED AWARD



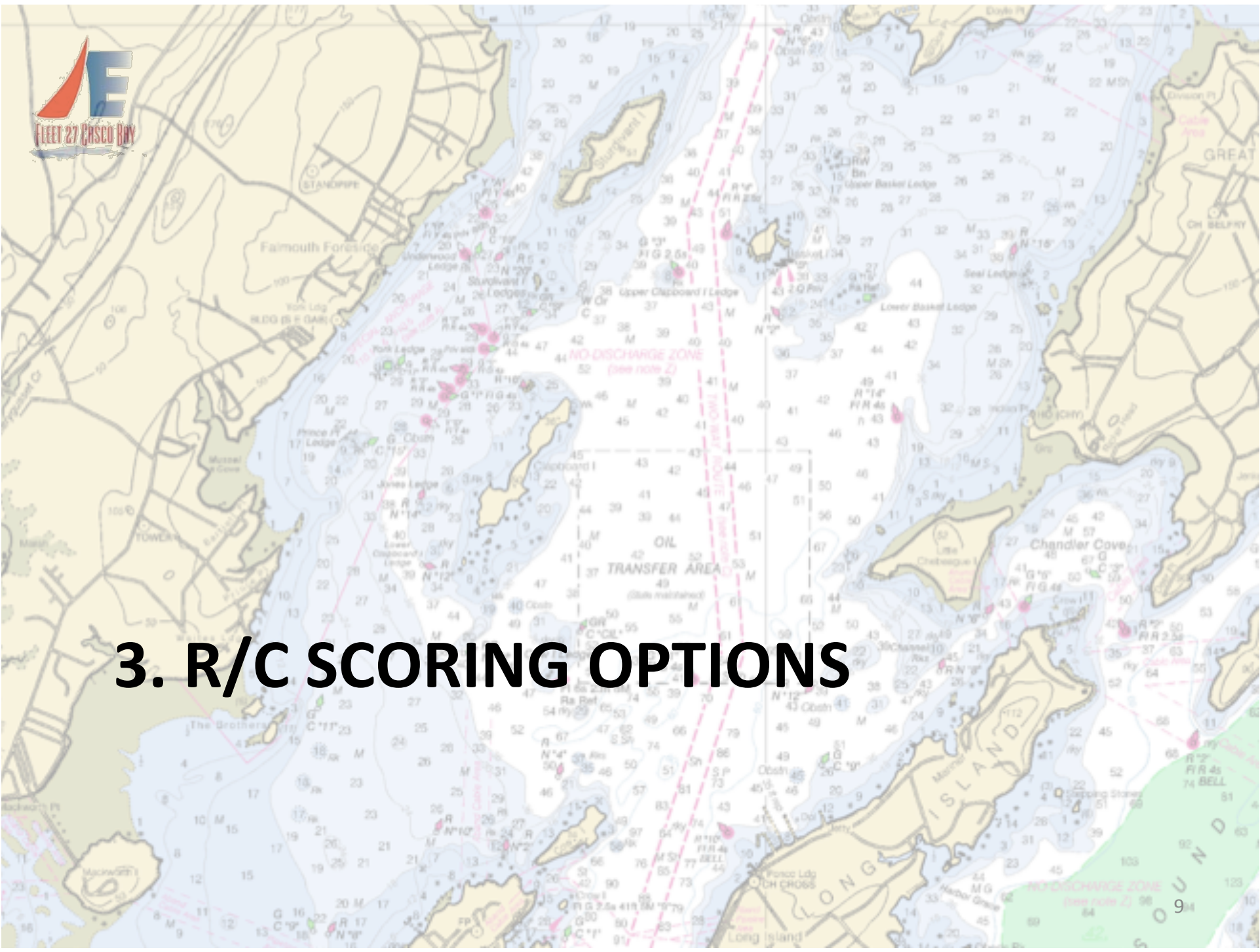
2018 Practice

- Fleet 27 2018 Sailing Instruction para. 24.1 says that the award for most improved goes to:
 - “the yacht that is most improved that evening over its current overall standing in that series.”
- In Recent Years, “Most Improved” Awarded to the Boat with Greatest Improvement over Previous Race-Day’s Score



Three Options

- Revise SI's and Continue As We Have Been Doing
 - Revise SI's; e.g.: "...the yacht that is most improved in daily rank compared to its daily rank over the prior race day"
- Follow SI – Change Award Process to Match
 - When Finishes Are Compared To Average, The Series Leaders Are Less Likely To Win The Most Improved Award Than When Comparing To The Previous Race Day
 - Currently, If a Leading Boat Has a Bad Day, It Often Wins Most Improved The Next Day
 - Need To:
 - Define What "That Series" Is (E.G., Season Series Or Applicable Spring/Summer/Fall Sub-series)
 - Define A Tie-breaking Procedure, Since There are Likely to be Ties Under This Procedure
 - Ensure The R/C Has The Appropriate, and Updated, Average Scores Each Week so The Winner can be Determined
- Use Z-Score to Determine "Most Improved"
 - The Z-score Is Exactly That... A Score Compared To The Boats Own Average
 - Complicated Scoring Formula That Requires A Computer



3. R/C SCORING OPTIONS



Overview

- Fleet 27 Divvies Up Race Committee Duty
 - With 18 Weeks in Race Series and ~20 Boats, Each Boat Serves on R/C at Most One Tuesday Evening Each Year
- But, that Boat Misses Out on Racing on that Day
- Compensation: Redress Given to the Boat Performing R/C Duty per RRS Appendix A10
 - An Average Score is the Usual Procedure
 - We Can Fine-Tune which Races are Used to Calculate the Average



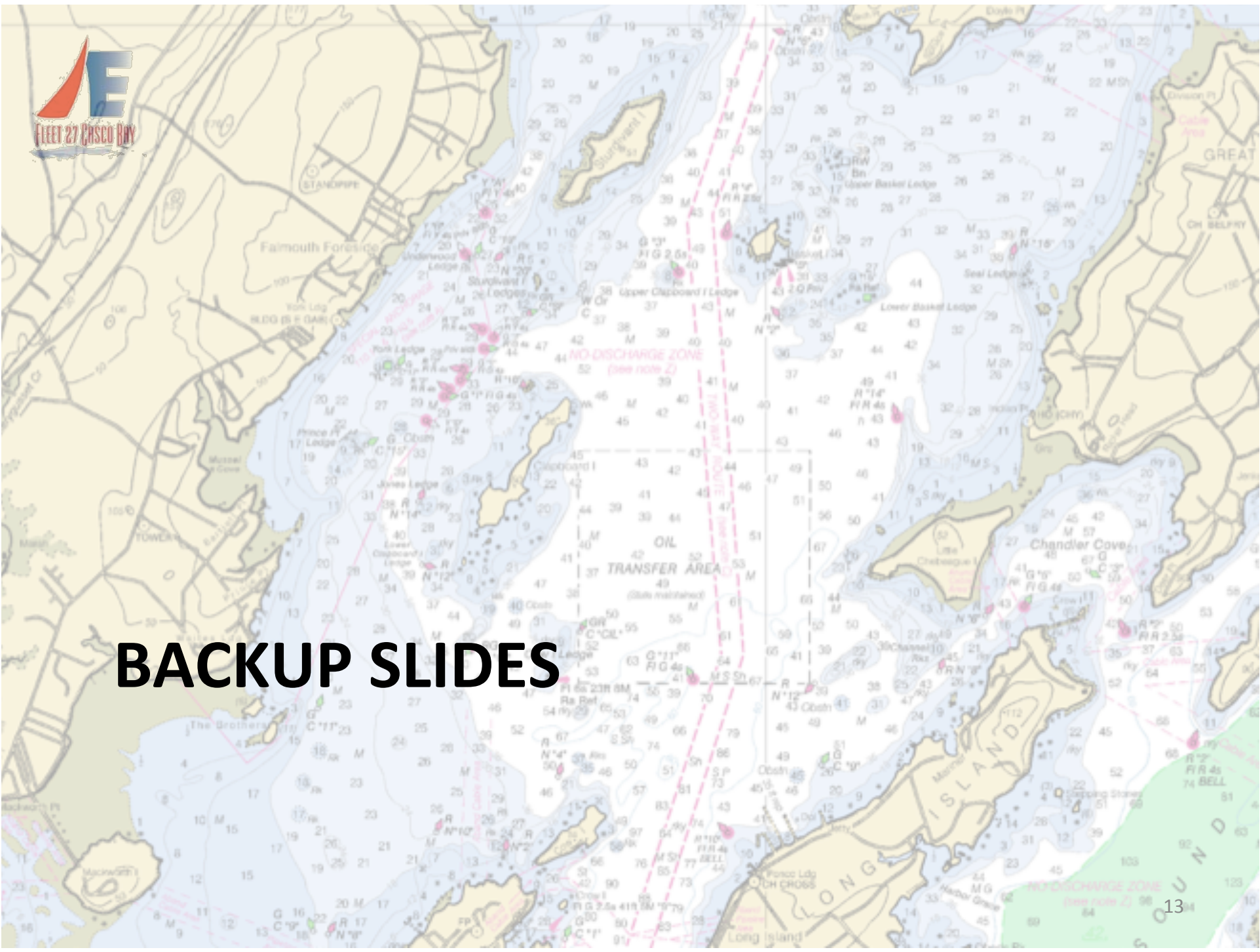
OOD Score Options

1. Give No Redress
 - A. Treat Boat Performing R/C Duty as a DNC (i.e., OOD = DNC)
 - B. Apparently, This Approach Was Used Sometime in the 00's to Encourage the R/C's Boat To Be Raced when Owner had R/C Duty
2. Give Redress to Boat Performing R/C Duty
 - A. Fixed Place; e.g., 1st: {Modified Form of RRS A10 (c)}
 - i. J-24 Fleet 43 Scores R/C as a 1st Place
 - B. Average of All Races in Series (No Exclusions; includes DNC's, DNS's)
 - 2018 → C. Average of All Counted Races (Exclude Dropped Races)
 - i. This Provides High Incentive to R/C
 - 2016-17 → D. Average of All Competed Races (Exclude DNC's)
 - i. More Favorable than Option B (All Races)
 - ii. This Further Improves Scores of Back-of-Pack R/C's (with many DNC's)
 - iii. Similar Incentive to C for Boats With Few DNCs
 - E. Average of All Races Before Race Date in Question
 - F. Average of All Specified Races (with a Defined List of These Races)
3. OOD Redress Currently Does Not Change Scores of Other Boats
 - A. But, the Fleet can Redefine Effect on Other Scores
 - B. Unclear What Effects this Could Have



Summary Recommendations

- Score DNC as Discussed
 - Count Entry After Boat Comes to Starting Area for a Race
- Decide on Method for Most Improved Award
 - Recommend Reverting to Method Stated in 2018 SI
- Score OOD As Done in 2018
 - Providing Redress to R/C with OOD Code
 - Score OOD as Average of Counted Races
 - Don't Change Scores of Other Boats in Race
 - Don't Count Boat as a Starter
 - Until it Actually Races with Registered Skipper
- Document in NOR and Sailing Instructions
- Membership Discuss & Approve Desired Approach



BACKUP SLIDES



Race Scoring Process

- Fleet 27 uses [SailWave](#) to Score the Tuesday Race Series
 - Race Scoring Software Program 1st Developed in 2001 in UK
 - We Currently Use SailWave version 2.28.0
- SailWave uses Scoring Codes to Define Scores to be Used (When Other than the Boat's Finish Position)
- We Created the “OOD” Code to Score the Boat Performing R/C Duty
- Fleet 27 Can Define The OOD Score



Series Definition

- For Redress in Season Results, Season Series Used
- For Results for Each Spring, Summer, Fall Series
 - Redress Calculated with Just Those Applicable Races
- Alternatively:
 - Use One or the Other Approach in all Scoring
 - Or??



SailWave Coding Options

- Boat Performing R/C Duty Can Be Coded As
 - A Competitor
 - A Starter
 - A Finisher
 - – Not Counted At All
- This Affects How Many Points are Assigned to DSQ, DNS, etc.
- Historically, We Have Not Coded the R/C Boat if it is Not Sailing
- With Long Series Scoring (A9), If R/C Duty Boat Counts As a Competitor, Then DNC Score Increases by 1 Point
- Maybe this Does Not Matter



RRS A11 SCORING CODES

- Scoring Codes:
 - DNC Did not *start*; did not come to the starting area
 - DNS Did not *start* (other than DNC and OCS)
 - OCS Did not *start*; on the course side of the starting line at her starting signal and failed to *start*, or broke rule 30.1
 - ZFP 20% penalty under rule 30.2
 - UFD Disqualification under rule 30.3
 - BFD Disqualification under rule 30.4
 - SCP Scoring Penalty applied
 - DNF Did not *finish*
 - RET Retired
 - DSQ Disqualification
 - DNE Disqualification that is not excludable
 - RDG Redress given
 - DPI Discretionary penalty imposed



Usual Scoring Rule

- **A4.2** A boat that did not *start*, did not *finish*, retired or was disqualified shall be scored points for the finishing place **one more than the number of boats entered in the series**



Scoring A Long Series

- RRS A9: For a series that is held over a period of time longer than a regatta,
 - DNS, DNF, RET, DSQ: A boat that came to the starting area but did not *start*, did not *finish*, retired or was disqualified shall be scored points for the finishing place **one more than the number of boats that came to the starting area**.
 - DNC: A boat that did not come to the starting area shall be scored points for the finishing place **one more than the number of boats entered in the series**.



SailWave Scoring Codes

Code	Method	Val	Discard	Start area	Started	Finished	A6.2	Description
BFD	Score like	DNF	Yes	Yes	No	No	No	Black flag disqualification under rule 30.3
DGM	Score like	DSQ	No	Yes	Yes	Yes	No	Disqualification not excludable under rule 69.1(b)(2)
DNC	Boats in series +	1	Yes	No	No	No	No	Did not come to the starting area
DNE	Score like	DSQ	No	Yes	Yes	Yes	No	Disqualification (other than DGM) not excludable under rule 88.3(b)
DNF	Boats in race +	1	Yes	Yes	Yes	No	No	Started but did not finish
DNS	Boats in race +	1	Yes	Yes	No	No	No	Came to the start area but did not start
DPI1	Fixed penalty	1	Yes	Yes	Yes	Yes	Yes	1 point discretionary penalty
DSQ	Score like	DNF	Yes	Yes	Yes	Yes	No	Disqualification
OCS	Score like	DNF	Yes	Yes	No	No	No	On course side at start or broke rule 30.1
OOD	Average (all except discard)		Yes	No	Yes	Yes	No	Race officer duty points scored as RDGa
RDG	Set points by hand		Yes	Yes	Yes	Yes	Yes	Redress - points set by protest hearing
RDGa	Average (all)		Yes	Yes	Yes	Yes	Yes	Redress - average points for all races except the race in question
RDGb	Average (before)		Yes	Yes	Yes	Yes	Yes	Redress - average points for all races preceding the race in question
RET	Score like	DNF	Yes	Yes	Yes	No	No	Retired
SCP	Percentage penalty	20	Yes	Yes	Yes	Yes	Yes	Scoring penalty under rule 44.3
ZFP	Percentage penalty	20	Yes	Yes	Yes	Yes	Yes	20% penalty under rule 30.2

DNC = # Series Competitors + 1

DNS, DNF, RET, DSQ = # Starters in Race + 1



OOD SCORING OPTIONS

Code: OOD Value: Races:

Method: Properties

- Use the same method as another code
- Points for place of (the number of boats included in the series + N places)
- Points for place of (finishing place + N percent of boats included in the series)
- Points for place of (finishing place + N percent of DNF points)
- Points for place of (the number of boats that came to start area in the race + N places)
- Points for place of (finishing place + N percent of boats that came to the start area in the race)
- Points for place of (the max number of boats that came to the start area in any one race + N places)
- Points for place of (the number of boats in the biggest start in the race + N places)
- Points for place of (the number of boats in the biggest start in any one race + N places)
- Points for place of (finishing place + N percent of biggest start in any one race)
- Points for place of (the number of starters in the race + N places)
- Points for place of (the number of finishers in the race + N places)
- Average of (sum of points for all races) + N points
- Average of (sum of points for non-DNC races) + N points
- Average of (sum of points for non-discarded races) + N points
- Average of (sum of points for all races before the race in question) + N points
- Average of (sum of points for specified races) + N points
- Scored points + N points
- Set the points by hand when entering the code
- Score a fixed number of points N
- Points for place of finish place + SCP(Value) but not more than half the difference between place and DNF
- Points for place of (the competitor's start size + N places)

OK Cancel

Scores that Are Some Type of Average

- Average All Races in Particular Series?
- Or Exclude DNC?
- Or Exclude Discards?

J-24 Scores OOD = 1 point