

HBYC Fleet PHRFs- CRUISING CLASS - 20178

NOTES:

<u>1. BASE PHRF :</u>	<u>2. PROP CREDITS</u>	<u>3. ROLLER FURLING CREDITS</u>
Highest of any one	2 Blade F/F = 0	Mainsail w/o battens = +12
of the following:	3 or 4 Blade F/F = +3	Headsail with UV cover = +9
a) Schell Regression Formula	2 Blade Fixed = +9	Headsail w/o UV cover = +6
b) US Sailing "average" PHRF	3 or 4 Blade Fixed = +12	
c) WFPHRF "Base/Buoy" rating		
<u>4. CANVAS CREDITS</u>	<u>5. HEADSAIL CREDITS</u>	<u>6. SAIL MATERIAL CREDITS AND PENALTIES (per sail)</u>
Bimini - deployed = +3	LP ≤ 115% = +9	Woven polyester* over 5 years old = +3
Dodger - deployed = +3	LP ≤ 135% = +6	Woven polyester* up to 5 years old = 0
	LP ≤ 145% = +3	Woven material other than polyester = -6
	LP ≤ 155% = 0	Laminate of any kind = -6
	LP ≤ 165% = -3	Laminate plus any woven material = -6
	LP > 165% = -6	* (material such as Dacron is a woven polyester)
<u>7. NON-SPINNAKER OFFSET</u>	<u>8. CRUISING CLASS BULK ALLOWANCES (+15 max)</u>	
From WFPHRF formula	*Standard Cruising Equipment	= +3
based on largest headsail	Secondary anchor/chain/rode (always on board)	= +1 to +4 **
	Air conditioning (built-in or always on board)	= +1
	Radar (above spreaders-permanently mounted)	= +2
	Radar (other location-permanently mounted)	= +1
	Wind Generator (permanently mounted)	= +3
	Rigid Solar Panels (permanently mounted) < 1000 sq.in.	= +1
	Rigid Solar Panels (permanently mounted) ≥ 1000 sq. in.	= +2
	Ice maker (permanently mounted)	= +2
	Generator (permanently mounted)	= +3
	Stack Pack sail cover (in place while racing)	= +1
	Propane tanks (10 lbs or greater-always on board)	= +1 (per tank)

***Standard Cruising equipment consists of :**
 Working galley with stove, cooking & eating utensils,
 Refrigeration or ice box (built-in)
 Cushions, bedding, toilet w/holding tank or porta-potty,
 Primary anchor, chain, rode.

** Credits for secondary anchor will be based on weight of anchor/chain/rode.