

Hull Section	Index	Variable	Name
Principle Dimensions	-	LOA	Length Overall
	0	Lb	Length of Bow Taper
	1	Ls	Length of Stern Taper
	2	Bd	Beam at Midship Deck
	3	Dd	Depth of Hull
	4	Bs	Beam at Stern Deck
	5	WL	Design Draft
Midship Cross Section	6	Bc	Beam at Chine
	7	Beta	Deadrise angle
	8	Rc	Radius of Chine
	9	Rk	Radius of Keel
Bow Geometry	10	BOW(A)	Constants for Parabolic Bow Shape
	11	BOW(B)	
	12	BK	Bow-Keel Intersect
	13	Kappa BOW	Start of keelrise – Bow
	14	Kappa BOW(A)	Constants to define curve for midship width
	15	Kappa BOW(B)	
	16	DRIFT(A)	Constants for curve that define drift angle along BOW(z)
	17	DRIFT(B)	
	18	DRIFT(C)	
Stern Geometry	19	bit EP S	Lower stern taper bit
	20	bit EP T	Upper stern taper bit
	21	TRANS(A)	Transom Slope
	22	SK	Stern-Keel Intersect
	23	Kappa STERN	Start of keelrise – stern
	24	DELTA STERN(A)	Constants to define curve for midship width
	25	DELTA STERN(B)	
	26	Beta trans	Deadrise angle for transom
	27	Bc trans	Beam at Transom Chine
	28	Rc trans	Transom Chine Radius
	29	Rk trans	Transom Keel Radius
Bulb Geometries	30	bit BB	Bulbous Bow Bit
	31	bit SB	Bulbous Stern Bit
	32	Lbb	Length of Bulbous Bow
	33	Hbb	Height of BB Max Length
	34	Bbb	Beam of BB
	35	Lbbm	Length of Long. Bulb Curvature
	36	Rbb	Fillet Radius for BB
	37	Kappa SB	Start Position of Stern Bulb
	38	Lsb	Length of Stern Bulb
	39	HsbOA	Height overall of Stern Bulb
	40	Hsb	Height of SB Max Length
	41	Bsb	Beam of SB
	42	Lsbm	Length of Long. Bulb Curvature
	43	Rsb	Fillet Radius for SB