

Summary of KC items on web stiffeners for primary supporting members.

		Chapter 3	Chapter 6				
		Section 6	Section 2			Section 3	
KC	Type	5.2.1	4.1.1	4.1.2	4.1.3	4	Comment
204	Longitudianl buckling stiffeners on typical DB girder	Minimum thick primary supp	N.A.	Apply	N.A.	Apply	It is confirmed that Ch. 6 Sec.2.1/2.2/2.3 is applicable only to ordinary stiffeners. Which seem contradictory to the answer in item b)
328	Minimum thickness of web stiffeners	Change min thick req. to Ch.6Sec.2					
333	Web stiffeners on Watertight Primary Supporting Members	Minimum thick primary supp	Apply	N.A.	N.A.		
333	Web stiffeners on Non-Watertight Primary Supporting Members	Minimum thick primary supp	Apply	Apply	Apply		
416	Longitudianl buckling stiffeners on typical DB girder	Stiffener is reffering to the same stiffener as per 204 with the minimum thickness as outlined in KC328. <u>Conclusion from PT is that this is an ordinary stiffener.</u>					PT state that the requirement of Ch.3 Sec.6 5.2.1 is a buckling requirement based on experience
419	General definition of web stiffener	Confirms that web stiffener is different from ordinary stiffener					

Rule			Title
Chapter 3	Section 6	5.2.1	Requirements to web stiffeners of primary supporting members
Chapter 6	Section 2	4.1.1	Net sectional area of web stiffener at the web stiifener mid-height
		4.1.2	Net section modulus of web stiffeners of non-watertight pimary supporting members
		4.1.3	Permissible stress at ends of web stiffeners of primary supporting members in water
	Section 3	4	Buckling of partial and total panels