

## Summary of KC items on web stiffeners for primary supporting r

KC	Type	Chapter 3	Chapter 6			
		Section 6	Section 2			Section 3
		5.2.1	4.1.1	4.1.2	4.1.3	4
204	Longitudianl buckling stiffeners on typical DB girder	Minimum thick primary supp	N.A.	Apply	N.A.	Apply
328	Minimum thickness of web stiffeners	Change min thick req. to Ch.6Sec.2 2.2.1				
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 tha this is an ordinary stiffener.</u>				
419	General definition of web stiffener	Confirms that web stiffener is different from ordinary stiffener				

Rule			
Chapter 3	Section 6	5.2.1	Requirements to web stiffeners of p
Chapter 6	Scetion 2	4.1.1.	Net sectional area of web stiffener a
		4.1.2	Net section modulus of web stiffene
		4.1.3	Permissible stress at ends of web s
	Section 3	4	Buckling of partial and total panels

members.

Comment
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)
PT state that the requirement of Ch.3 Sec.6 5.2.1 is a buckling requirement based on experience

Title
primary supporting members
at the web stiffener mid-height
ers of non-watertight primary supporting members
stiffeners of primary supporting members in water