KC#1077

Dear sir,

Chapter 3, Section 6 Common Structural Rules for Bulk Carriers

5.7 Cut-outs and holes
5.7.1
Cut-outs for the passage of ordinary stiffeners are to be as small as possible and well rounded with smooth edges.
The depth of cut-outs is to be not greater than 50% of the depth of the primary supporting member.

Section 8 Common Structural Rules For Oil Tankers

SECTION 8.2/PAGE 24

2.6.1.7 Webs of the primary support members are to have a depth of not less than given by the requirements of 2.6.4.1, 2.6.6.1 and 2.6.7.1, as applicable. Lesser depths may be accepted where equivalent stiffness is demonstrated. See 3/5.3.3.4. Primary support members that have open slots for stiffeners are to have a depth not less than 2.5 times the depth of the slots.
SECTION 8.3/PAGE 5
3.3.3.5 The web depth of primary support members is not to be less than 14% of the bending span and is to be at least 2.5 times as deep as the slots for stiffeners if the slots are not closed.
SECTION 8.4/PAGE 5
4.3.4.4 The web depth is to be not less than 2.5 times the web depth of the adjacent frames if the slots are not closed.
SECTION 8.5/PAGE 7
5.3.3.5 The web depth of primary support members is not to be less than 14% of the bending span and is to be at least 2.5 times as deep as the slots for stiffeners if the slots are not closed.

For tankers, D>=2.5d, then d<=40%D. It could be described as " The depth of cut-outs is to be not greater than 40% of the depth of the primary supporting member."

I suggested the requirement in two rules to be harmonized as well as the names 'cut-out' and 'slot'.