

NOTE:

For detailed information please refer to general note drawing no.: M008.

Surface treatment All structural members are hot dip galvanized.

Guy ropes are attached to the mast guy sections by means of a short guy tensioner. The same system is used at the foundation yet by means of a longer guy tensioner which serves as rope tensioner. The force is transferred to the guy tensioner by a wedge and a tensioned bolt secures the protruding rope end. The wedge is secured to the guy tensioner by double nuts on the threads. The lengths of the guys are cut at site by the contractor responsible for the erection of the masts.

Ladder and cable ladder
Climbing ladder and cable ladder is an integrated unit inside cross section on
one of the mast faces and welded to the diagonals before hot dip galvanizing.
Cables can be placed on each side of the ladder steps.
Turvatikas safety rail shall be mounted on the ladder as shown on drawing
MAG2

Bolts M20 between mast sections shall be tensioned to 400 Nm (dry

Pos no.	Description	Drawing	Number
052	Section 3	M152	25
065	Anti-climb device	M165	1
066	Guy Frame	M166	6
070	Mast base Section	M170	1
125	Closing plate	M150	3
401	Guy Tensioner, Mast	-	18
402	Guy Tensioner, Foundation	-	18
450	Guys, Ø13	-	2250m

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Original paper size A1

Date Signature Check Approve 2010-09-23 KRN/LRN CNS BYJ Rambøll 150m Light Mast

Layout

M192

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Bredevej 2 DK-2830 Virum Tlf. +45 45 98 60 00 Fax +45 45 98 67 00 www.ramboll.dk