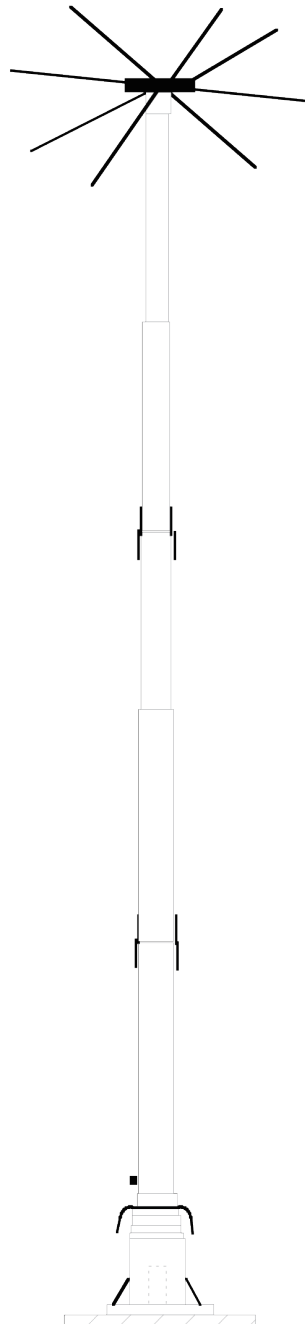


REV	MODIFICATIONS	DRAWN BY	CHECKED BY	DATE
A	CREATION	GI	GI	12/13/2011



<b>Colour</b>	Colour to Order									
<b>Frequency Range</b>	300-500 kHz (with suitable ATU); may be extended to 2000 kHz									
<b>Overall Length</b>	10m (32.8ft)									
<b>Top Loading</b>	8 x 2m (6.5ft) radials and loading coil, overall diameter 4m (13.1ft)									
<b>Radiator Diameter</b>	101.6mm (4 in) at base tapering to 50mm (2 in) at top									
<b>Pattern</b>	Omnidirectional									
<b>Polarisation</b>	Vertical									
<b>Power Capability</b>	100w CW plus 100% amplitude modulation									
<b>Wind Survival</b>	216 km/h (134 mph/60 m/s)									
<b>Top Deflection</b>	Less than 3m (9.8ft) at 216 km/h (134 mph)									
<b>Mounting</b>	285mm (11.2 in) diameter with 6 equally spaced 13mm (9/16 in) holes on 243mm (9.6 in) diameter									
<b>Connection</b>	Via 12.7mm (½ in) Whitworth stainless steel stud and lock nuts									
<b>Earth Mat</b>	Systems available to suit site conditions									
<b>Radiation Efficiency</b>	300 kHz: 1.5%; 500 kHz: 4.9%									
<b>System Bandwidth</b>	300 kHz: 1.128 kHz at -3 dB; 500kHz: 1.990 kHz at -3 dB									
<b>Effective Base Capacitance</b>	300 kHz: 258 pf; 500 kHz: 291 pf									
<b>Unattenuated Field Intensity at 100 Nautical Miles</b>	<table border="0"> <tr> <td><b>300 kHz</b></td> <td><b>400 kHz</b></td> <td><b>500 kHz</b></td> </tr> <tr> <td>62 µv/M +36dB</td> <td>87 µv/M +39dB</td> <td>111µv/M +41dB</td> </tr> <tr> <td>ref 1µv</td> <td>ref 1µv</td> <td>ref 1µv</td> </tr> </table>	<b>300 kHz</b>	<b>400 kHz</b>	<b>500 kHz</b>	62 µv/M +36dB	87 µv/M +39dB	111µv/M +41dB	ref 1µv	ref 1µv	ref 1µv
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62 µv/M +36dB	87 µv/M +39dB	111µv/M +41dB								
ref 1µv	ref 1µv	ref 1µv								
<b>Approximate Weights</b>	Antenna 83 kg (166 lbs), Tilt Mount 26.5 kg (58 lbs) Packed: Antenna 92 kg (205 lbs), Tilt Mount 30 kg (66 lbs)									

UNLESS OTHERWISE SPECIFIED DIMENSIONS : mm ANGLES : d.		<b>NEARSON INC.</b>			
CUSTOMER N°	FILE N°	TITLE : Professional high quality self supporting MF antenna system			
		SIZE A4	<b>NMO-01-0061</b>		
		SCALE : N.D.		<table border="1"> <tr> <td>REV A</td> <td>Doc.</td> </tr> <tr> <td>Prod.</td> <td></td> </tr> </table>	REV A
REV A	Doc.				
Prod.					
		SHEET 1 of 1			