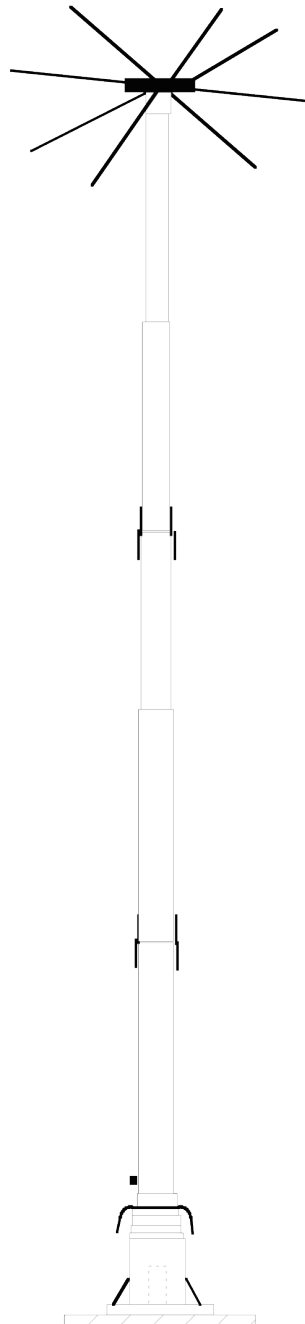


REV	MODIFICATIONS	DRAWN BY	CHECKED BY	DATE
A	CREATION	HE	HE	12/13/2011



Colour	Colour to Order									
Frequency Range	300-500 kHz (with suitable ATU); may be extended to 2000 kHz									
Overall Length	10m (32.8ft)									
Top Loading	8 x 2m (6.5ft) radials and loading coil, overall diameter 4m (13.1ft)									
Radiator Diameter	101.6mm (4 in) at base tapering to 50mm (2 in) at top									
Pattern	Omnidirectional									
Polarisation	Vertical									
Power Capability	100w CW plus 100% amplitude modulation									
Wind Survival	216 km/h (134 mph/60 m/s)									
Top Deflection	Less than 3m (9.8ft) at 216 km/h (134 mph)									
Mounting	285mm (11.2 in) diameter with 6 equally spaced 13mm (9/16 in) holes on 243mm (9.6 in) diameter									
Connection	Via 12.7mm (½ in) Whitworth stainless steel stud and lock nuts									
Earth Mat	Systems available to suit site conditions									
Radiation Efficiency	300 kHz: 1.5%; 500 kHz: 4.9%									
System Bandwidth	300 kHz: 1.128 kHz at -3 dB; 500kHz: 1.990 kHz at -3 dB									
Effective Base Capacitance	300 kHz: 258 pf; 500 kHz: 291 pf									
Unattenuated Field Intensity at 100 Nautical Miles	<table border="0"> <tr> <td>300 kHz</td> <td>400 kHz</td> <td>500 kHz</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>	300 kHz	400 kHz	500 kHz	62 µv/M +36dB	87 µv/M +39dB	111µv/M +41dB	ref 1µv	ref 1µv	ref 1µv
300 kHz	400 kHz	500 kHz								
62 µv/M +36dB	87 µv/M +39dB	111µv/M +41dB								
ref 1µv	ref 1µv	ref 1µv								
Approximate Weights	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.					
CUSTOMER N°	FILE N°	TITLE : Professional high quality self supporting MF antenna system			
		SIZE A4	NMO-01-0061		
		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			