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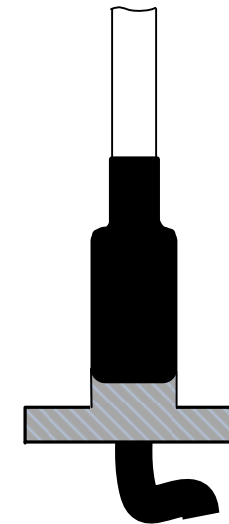
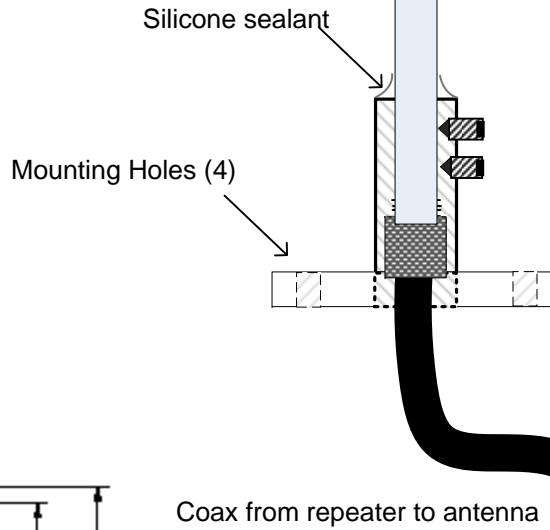
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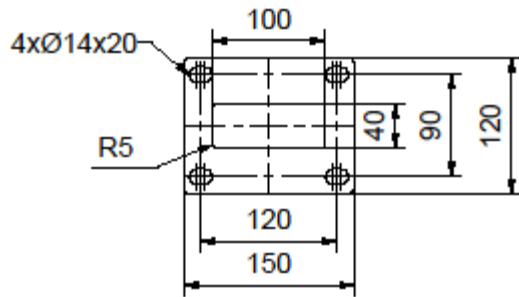


Coldshrink to be added after cable connection

Hardware			
Qty.	Description	Size	Note
4	M13 bolt	M13x30	Galvanized, mount to hub
4	M13 lock washer	M13	Split w washer, Galvanized
4	M13 Nut	M13	Nut Galvanized, mount to hub
1	Antenna	FG	Fiberglass, UHF, omni-directional, 3dBm gain, 51in. Length
1	TRS1110 Mount		Antenna mount, Aluminum
1	Silicone sealant	20ccm	Tube, clear
2	Screw		Locking screw
1	CXS-2	14in.	Shrink tubing, cold shrink
1	Coax	14in.	Jumper, superflex, 1/4in., 12ft., N male to N male connectorized



Antenna & mount with coldshrink applied



Dimensions of Obstruction light stand per Siemens #1003337

		Siemens Radio Repeater System			
		TITLE : <b>Antenna Mount</b>			
Terrycomm of Melbourne, Inc. 4155 Dow Rd. Unit N Melbourne, FL USA 32934 321-253-6067 Fax:321-253-9529		SIZE <b>A</b>	FSCM NO	DWG NO TRS-011025	REV
Engineer Ken Lugowe	Drawn By Don Smith	SCALE 1:1	DATE 10/19/2011	SHEET 1 of 4	

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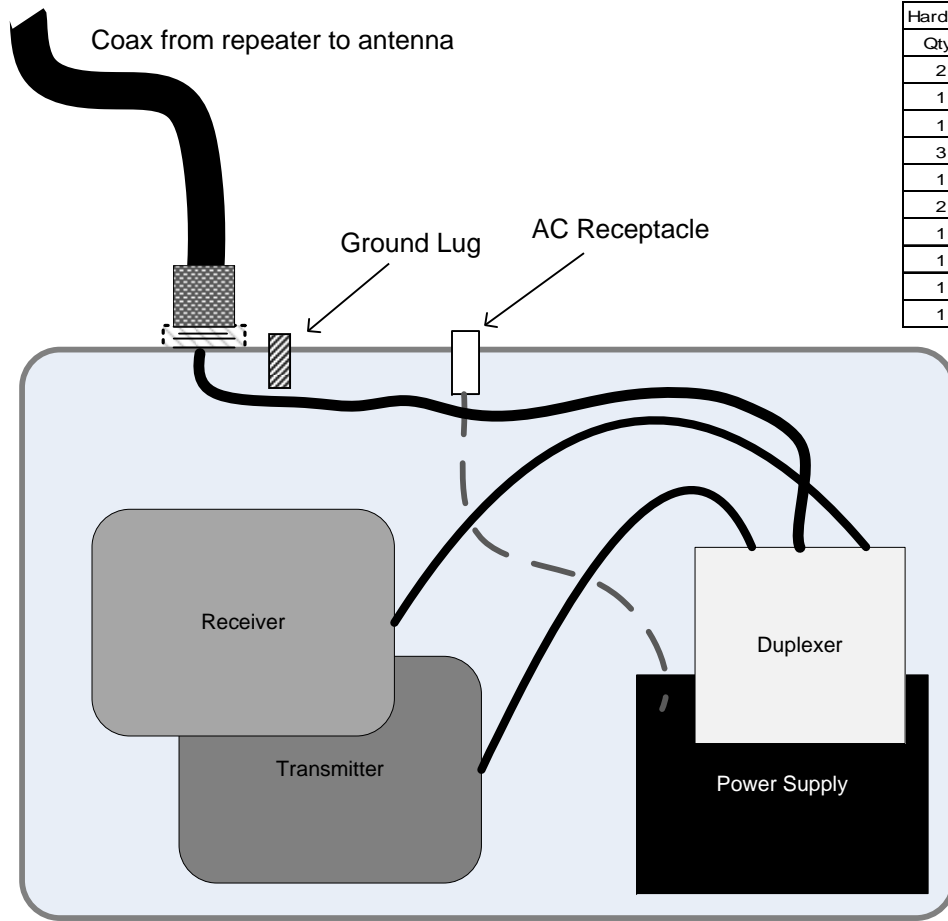
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Hardware			
Qty.	Description	Number	Note
2	Transceiver	CM300	UHF, compatible to Siemens channel plan
1	Duplexer	65316	Mobile, tuned to Siemens channel plan
1	Power supply	SEC1223	110/230VAC input, 13VDC, 25A
3	90 degree adapter	RFN90	Adapter, N male to N female ,90deg angle
1	Ground lug	G1500	Lug, 1/4X20, hardware
2	Tranceiver interconnet	OPC-657	Radio interface cable
1	Repeater maker	TRS100	Repeater maker adapter
1	Case, transit	1500-000	Enclosure, w aterproof, black
1	Power cord	9912-0101	Cord, #12, 12ft., w /elec recp., unconnectorized end
1	Electrical plug	325623	Power plug, 110VAC



		<b>Siemens Radio Repeater System</b>			
		TITLE : <b>Repeater System</b>			
Terrycomm of Melbourne, Inc. 4155 Dow Rd. Unit N Melbourne, FL USA 32934 321-253-6067 Fax:321-253-9529		SIZE	FSCM NO	DWG NO	REV
Engineer	Ken Lugowe	<b>A</b>		TRS-011025	
Drawn By	Don Smith	SCALE	1:1	DATE	10/19/2011
				SHEET	2 of 4

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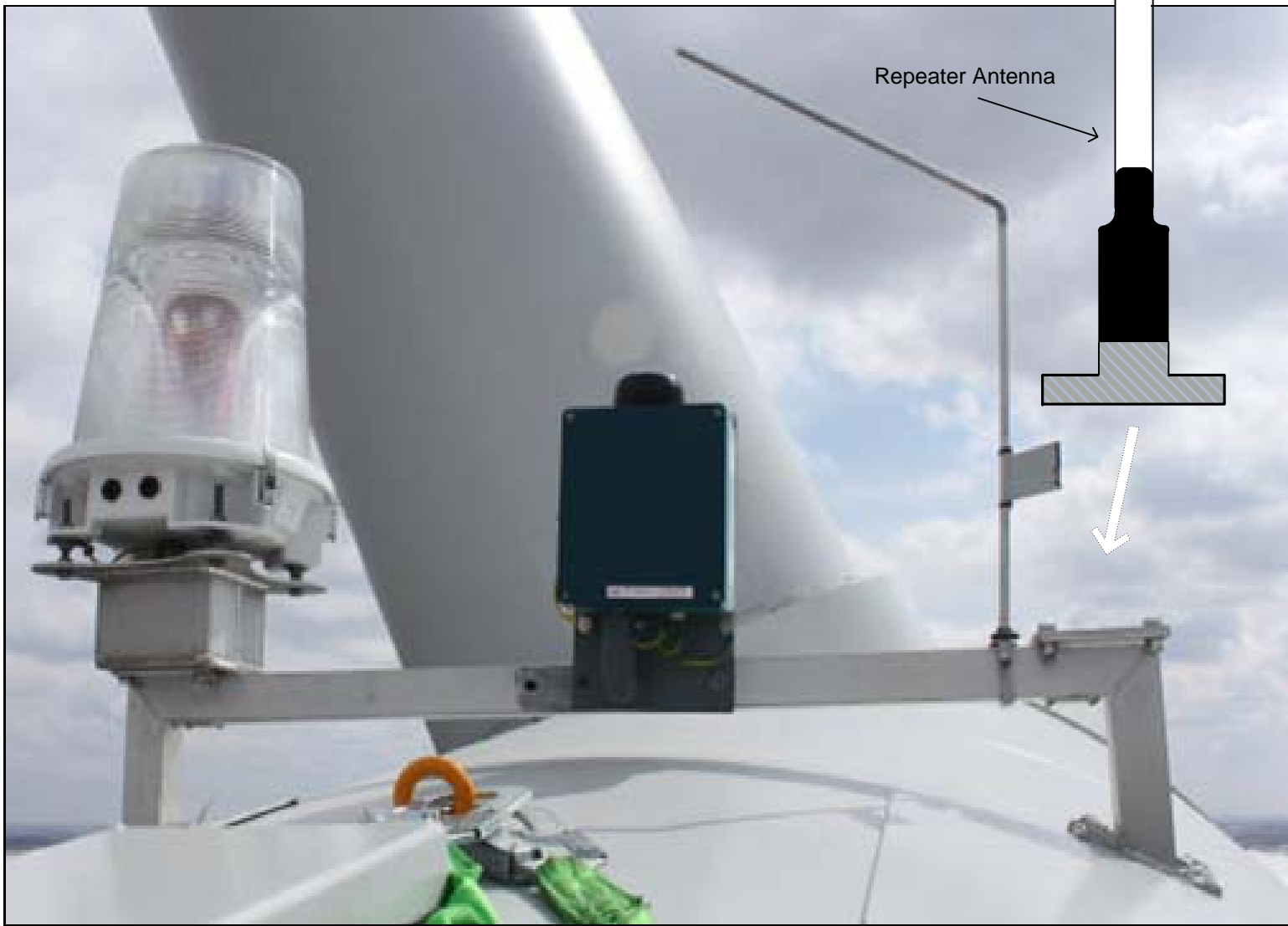
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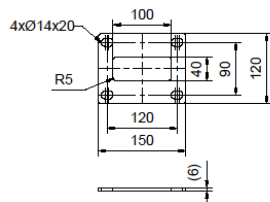
Repeater Antenna

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Obstruction light stand per  
Siemens #1003337

Pos 3 (1:5)



**TERRYCOMM**

Terrycomm of Melbourne, Inc.  
4155 Dow Rd. Unit N  
Melbourne, FL USA 32934  
321-253-6067 Fax:321-253-9529

Siemens Radio Repeater System

TITLE :

**Antenna Mount**

Engineer **Ken Lugowe**

SIZE  
**A**

FSCM NO

DWG NO

TRS-011025

REV

Drawn By **Don Smith**

SCALE 1:1

DATE 10/19/2011

SHEET

3 of 4

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**Notes:**

1	450-512MHz frequency range, programmed to Siemens channel plan
2	Operating temperature range:-30degC to +60degC, -22degF to +140degF
3	Narrowband FCC compliant 12.5/25khz channel spacing
4	Current drain, 14.0A transmit, 1.2A receive, 300mA stand-by
5	45 watt transmit power
6	MIL-STD MIL810 F for low pressure, high pressure, temperature shock, solar radiation, humidity, vibration , dust, shock
7	Antenna cut to tune for Siemens channel plan
8	Obstruction light stand per Siemens Drawing #100337, Antenna mount to match Pos 3 of #1003337

C


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 Terrycomm of Melbourne, Inc. 4155 Dow Rd. Unit N Melbourne, Fl USA 32934 321-253-6067 Fax:321-253-9529		<b>Siemens Radio Repeater System</b>			
		TITLE : <b>System Notes</b>			
Engineer	Ken Lugowe	SIZE <b>A</b>	FSCM NO	DWG NO TRS-011025	REV
Drawn By	Don Smith	SCALE 1:1	DATE 10/19/2011	SHEET 4 of 4	

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