



Disassembly of Frame for Shipping

NOTES:

1. Frame is shipped in ten pieces as shown.
2. Each frame must be bundled together and shipped as a set.

BILL OF MATERIALS

- 100ft. 1.5" sch40 6061-T6 aluminum pipe  
 (5x 20ft. sections)  
 10 tee fitting, Kee Klamp 10-8  
 12 male hinge fitting section, Kee Klamp M50-8  
 12 female hinge fitting section, Kee Klamp F50-8  
 4 cross fitting, Kee Klamp 26-8  
 67 5/16-18 x 3" Grade 5 zinc-plated hex head bolt  
 67 5/16-18 x 3" Grade 5 zinc-plated nylon-insert hex locknut  
 12 3/8-16 x 1.25" Grade 5 zinc-plated hex head bolt  
 12 3/8-16 Grade 5 zinc-plated nylon-insert hex locknut  
 lot 3/8" zinc-plated washer, varying thicknesses

REV	Description	Date	Appr.
A	Initial Release	4/20/07	
B	Added Disassembly (Sheet 4)	5/2/07	
C	Added levelling foot tees, top crosses. Changed fitting assembly details.	5/30/07	
D	Top member lowered 1". Six 3/8" holes added. Levelling foot tee moved 0.5". Add'd disassembly view.	8/7/07	
E	Added 14" vertical pipe to top member.	12/27/07	BU
F	New fittings and dimensions. Removed top center pipe.	2/2/09	BU
G	Add Bill of Materials	11/21/09	BU

  

 <b>Polar Permanent GPS Station</b> <b>Margin Structural Frame, Large</b>		<b>Part Number</b> <b>PPS-TF-001</b>	<b>Rev</b> <b>G</b>
<b>UNAVCO, Inc.</b> POLAR SERVICES 6350 Nautilus Dr., Boulder CO 80301 303-381-7500, 303-381-7451 fax		Drawing: <b>S. White</b> Engineering: <b>S. White</b> Approval: <b>B. Johns</b> Date Modified: <b>Nov 21 2009</b> SHEET <b>4</b> OF <b>4</b>	