

Tasks

**WRFN – Radio Free Nashville**  
**Barn Raising Task List – April 1st through 3rd**

	Start Time	Completion	Task	Responsible	Status	Materials Needed
Friday	ASAP!	ASAP!	Verify Internet connectivity	Andy		
	09:00 am	05:00 pm	Install audio software for on-air studio, production studio and automation system	Andy, Matt		Computers
	09:00 am	05:00 pm	Install software on computers for audio track workshops and office email access			Computers
	AM	AM	Lumber and materials delivery – for studio furniture			Cars
	09:00 am	09:00 pm	Build all studio furniture and tables			Lumber
	09:15 am	09:30 am	Early Bird cleanup crew – start the day right			
	<b>09:30 am</b>	<b>10:00 am</b>	<b>Work planning meetings – go over everything that needs to be done that day</b>	All crews		
	10:00 am	11:00 am	Overview of air studio layout for volunteers and techs new to site.			
	10:00 am	Noon	Finalize construction – outlets, ethernet/phone receptacles, lights			
	10:00 am	01:00 pm	Build equipment racks for all studios			Lumber
	11:00 am	02:00 pm	Put finishing touches on window between air studio and production studio			Glass
	Noon		Lunch			
	01:00 pm	02:00 pm	Layout wiring for studio and office phones and computer network			
	<b>12:45 pm</b>	<b>01:00 pm</b>	<b>Site cleanup – return tools, throw out garbage, collect scraps and materials</b>	Andy, Josh		
	01:00 pm	03:00 pm	Review transmitter site – finalize cable run scheme			
	04:00 pm	06:00 pm	Calculate Total Power Output of system			
	03:00 pm	08:00 pm	New volunteers and techs design production studio and remote studio layout			
	03:00 pm	09:00 pm	Itemize needed cables and create cut list for wires and cables – all studios			
	06:00 pm	Midnight	Fix RFCast backup transmitter	Eric		
	<b>09:15 pm</b>	<b>09:30 pm</b>	<b>Site cleanup number 2</b>	Andy, Josh		
<b>09:30 am</b>	<b>10:00 pm</b>	<b>Work planning meeting – recap for the day</b>	All crews			
09:00 pm	Midnight	Make cables from cut list			Connectors	
09:00 pm	Midnight	Bench test transmitter				

Tasks

	Start Time	Completion	Task	Responsible	Status	Materials Needed
Saturday	09:00 am	Noon	Set up console for on-air studio			
	09:00 am	05:00 pm	Webcasting computer installation and setup			
	09:15 am	09:30 am	Early Bird cleanup crew – start the day right			
	<b>09:30 am</b>	<b>10:00 am</b>	<b>Work planning meetings – go over everything that needs to be done that day</b>	Everyone		
	11:00 am	05:00 pm	Place on-air studio components, install boom mic-arms and rack all equipment			
	11:00 am	Noon	Tower preparation – get it ready!			
	Noon	01:00 pm	Lunch			
	01:00 pm	04:00 pm	More tower preparation			
	01:00 pm	06:00 pm	Place and install production studio console and equipment			
	01:00 pm	08:00 pm	Arrakis automation software testing and further setup	Matt		
	<b>12:45 pm</b>	<b>01:00 pm</b>	<b>Site cleanup – return tools, throw out garbage, collect scraps and materials</b>	Andy, Josh		
	01:00 pm	07:00 pm	Run and install audio cabling for both studios			
	01:00 pm	08:00 pm	Continue all ongoing projects – Finish up as much as possible!			
	04:00 pm	05:00 pm	RAISE THE TOWER			
	<b>09:15 pm</b>	<b>09:30 pm</b>	<b>Site cleanup – return tools, throw out garbage, collect scraps and materials</b>	Andy, Josh		
	09:30 pm	10:00 pm	<b>Work planning meeting – recap for the day</b>			
	07:00 pm	03:00 am	Air-chain compressor modification construction and testing			
	08:00 pm	03:00 am	On-air light wiring			
	08:00 pm	03:00 am	Mute monitor construction			
	10:00 pm	03:00 am	Production and On-air studio testing and finishing			

Tasks

	Start Time	Completion	Task	Responsible	Status	Materials Needed
Sunday	09:00 am	Noon	Wiring cleanup crew – make it maintainable!			
	09:00 am	10:00 am	Set up mic boom arms and stands			
	09:00 am	11:00 am	Set audio levels on consoles			
	09:00 am	05:00 pm	Build remaining shelves for music and other storage			
	09:00 am	05:00 pm	Fiddle with automation software – importing audio and establishing schedules			
	09:15 am	09:30 am	Early Bird cleanup crew – start the day right			
	<b>09:30 am</b>	<b>10:00 am</b>	<b>Work planning meetings – go over everything that needs to be done that day</b>	Everyone		
	10:00 am	04:00 pm	Install and test phone hybrid			
	10:00 am	03:00 pm	Run coax from transmitter to antenna			
	11:00 am	01:00 pm	Set transmitter modulation			
	<b>12:45 pm</b>	<b>01:00 pm</b>	<b>Site cleanup – return tools, throw out garbage, collect scraps and materials</b>	Andy		
	01:00 pm	03:00 pm	Check modulation and transmitter output on spectrum analyzer			
	Noon	05:00 pm	Install and set up EAS hardware			
	05:00 pm	06:00 pm	Massive site clean up! Make it pretty for the party and switch-flipping!			
<b>07:00 pm</b>		<b>Turn the station on! First WRFN broadcast ever!</b>	Everyone!			
<b>07:01 pm</b>	<b>Whenever!</b>	<b>Party party party!</b>	Everyone!			
Ongoing		All weekend	Finishing hardware on the space			
			Music sorting system established			
			Clean up the entire space			
			Plugging people that are idle into projects that need help			