

**Both the SPS-5 and the Repeater are Considered "Transmitters".**

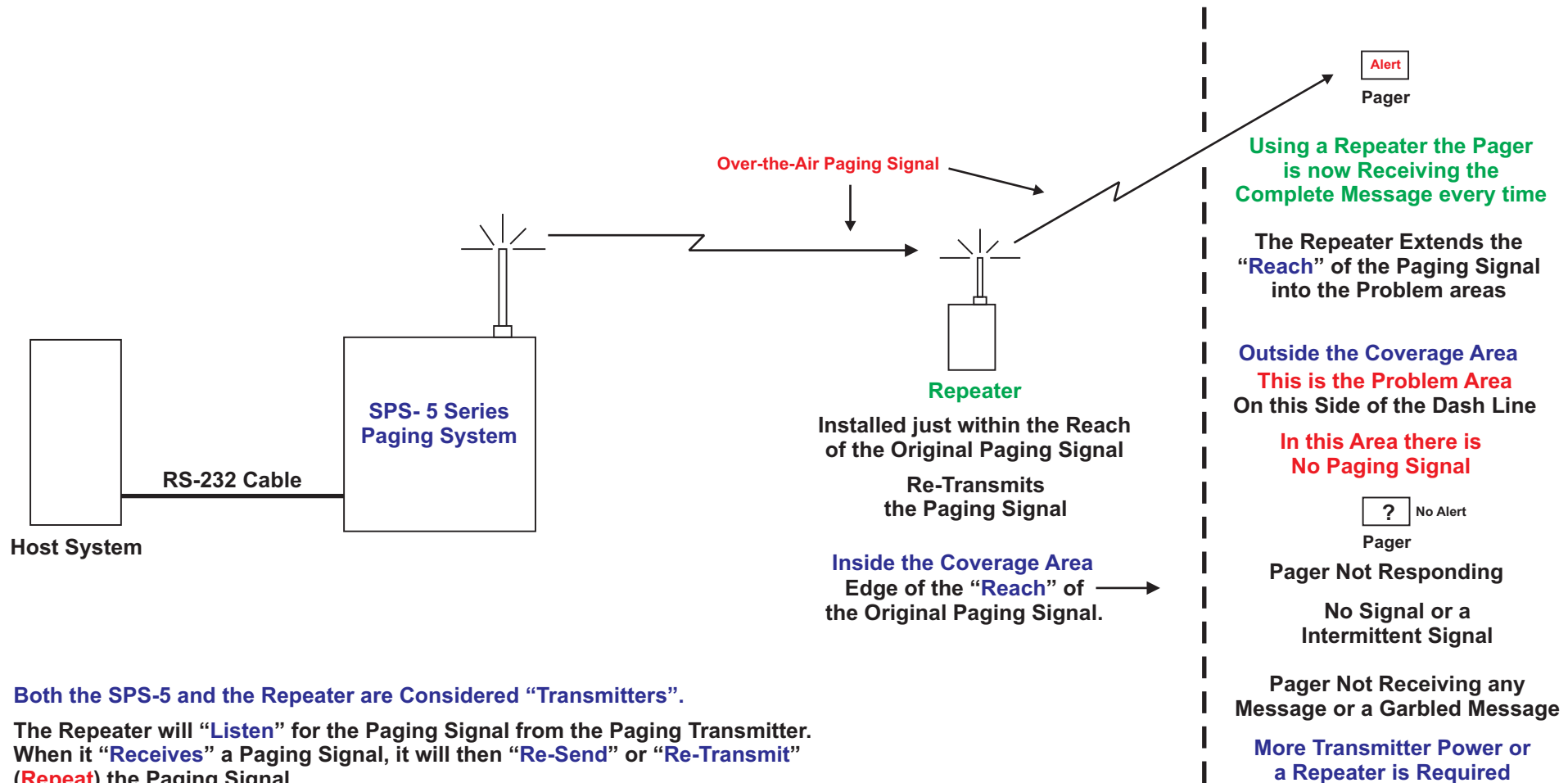
The Repeater will "Listen" for the Paging Signal from the Paging Transmitter. When it "Receives" a Paging Signal, it will then "Re-Send" or "Re-Transmit" (**Repeat**) the Paging Signal.

The Repeater should be Installed where it can Receive a "Good/Clean" Signal from the Paging Transmitter every time.

The Repeater will "Extend" the Paging Signal into Areas where the Original Paging Signal could Not Reach effectively and consistently.

See Page 2 for an Explanation of Overlap Signals caused by using two Transmitters and what can done to help this Problem.

|   |                |                              |
|---|----------------|------------------------------|
| MATERIAL  | FINISH<br>NONE | DATE<br><b>6.15.12</b>       |
| TITLE<br><b>Description of Transmitter used with a Repeater</b> |                | DWN BY<br><b>Bob Clyburn</b> |
| WAVEWARE TECHNOLOGIES<br>GARLAND, TEXAS<br>972-479-1702         |                | APP.<br>REV.<br><b>1</b>     |



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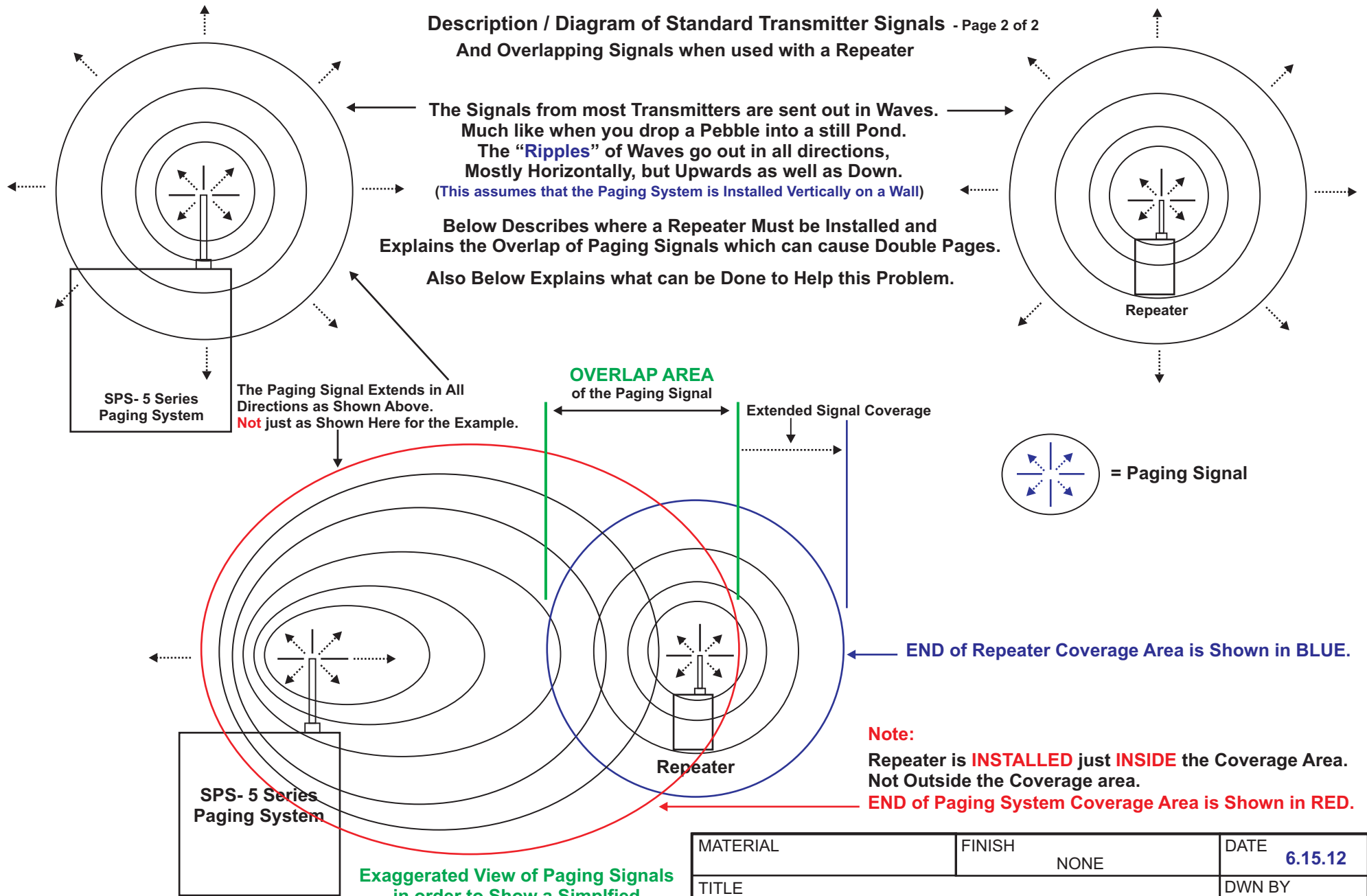
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**Description / Diagram of Standard Transmitter Signals - Page 2 of 2**  
**And Overlapping Signals when used with a Repeater**



**Note:**  
 The Area of Overlapping Paging Signals will Cause Any Pager in the Overlap Area to get a Second Page, one from Both the Paging Transmitter and from the Repeater. If more than one Repeater is used, then any Pager within any of the Overlapping Signals will be Paged, so a Pager may get more than two Pages. **This Problem can be worked around by Re-Programming a Pager to Not Display any Duplicate Messages for 30 Seconds. This Change has to be Done using the Pager Software.**

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