Radiogram Form Instructions

1. Data Entry & Preparation

Section 1: Station of Origin

- **Op Name / Callsign:** Enter your full name and your callsign (**N3MEL**).
- **Place of Origin:** Enter your City and State.
- **Default Button:** Click **"SAVE STATION AS DEFAULT"** once. This uses your browser's local storage to remember your info so you never have to type it again.

Section 2: Preamble (The Header)

- **Message Number:** Enter the next number in your sequence. Do not use leading zeros (use `5`, not `005`).
- **Precedence:** Usually **R** (Routine). Use **P** (Priority) only for time-sensitive official welfare; use **EMERGENCY** only for life-and-death traffic.
- **HX (Handling):** Leave as **NONE** for standard traffic. Use **HXC** if you want a confirmation report back.
- **Date & Time:** Click the **"🕐 NOW"** button to automatically pull the current UTC date and 4-digit time. Note that our protocol omits the "Z" suffix.

Section 3: The Address (Recipient)

- **Recipient Info:** Fill out as much as possible.
- **Apt/Suite/Box:** If you use a **#** or a **-**, the form will automatically convert them to **NR** and **DASH** respectively (e.g., `APT #4-B` becomes `APT NR 4 DASH B`).
- **Phone/Email:** These are critical for the "last mile" delivery but will appear in the output as clean data without the "TEL" or "EMAIL" labels.

Section 4: The Message Body

Type your message naturally. The generator handles the following "Hardened" rules automatically:

- **Numbers:** Stay as digits (`123` stays `123`).
- **Apostrophes:** Automatically stripped (`DON'T` becomes `DONT`).
- **Dashes/Pounds:** `-` becomes `DASH`, `#` becomes `NR`.
- **URLs:** Protocols like `HTTP://` are preserved. Dots inside domains (`.NET`, `.COM`) become **DOT**.
- **Punctuation:** Standard sentence periods become **X**.

2. Generating & Copying

1. Click **"GENERATE RRI MESSAGE"**.
2. Review the **Section 5 (ASCII Output)** window. Ensure the word count (the number after your callsign in the preamble) matches the actual word count in the text block.
3. Click **"COPY FOR TERMINAL"**. This copies the entire block—including the routing commands—to your clipboard.

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3. Pasting into the Packet Terminal

Follow these steps to inject the traffic into your **LinBPQ**, **JNOS**, or **Winlink** terminal:

Step A: Connect to the Node/BBS

Connect to your local TPRFN hub or BBS.

`C [BBS_CALLSIGN]`

Step B: Initiate the Send Command

Once you see the BBS prompt (usually `>`), you need to tell the BBS you are sending NTS traffic.

- The top line of your copied text is: `To: ST [ZIP]@NTS[STATE]`
- **Action:** Type `ST` followed by the routing address.
- *Example:* If the recipient is in Pennsylvania, type: **`ST 19001@NTSPA`** then hit Enter.

Step C: The Subject Line

The BBS will ask for a Subject.

- **Action:** Copy the Subject line from the generator: `Subject: QTC 1 R [CITY] [STATE] [DATE]`
- *Example:* **`QTC 1 R PHILADELPHIA PA MAR 26`** then hit Enter.

Step D: Paste the Body

Now the BBS is waiting for the message content.

- **Action:** Paste the remainder of the generated text (from the Preamble down to `/EX`).

- **End of Message:** The /EX at the bottom of your generated text acts as the "End of Exchange" command for most packet systems. If your BBS does not automatically close the message, type **/EX** or **CTRL+Z** on a new line.

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4. Troubleshooting

- **Form is too small:** Use the updated **v45.0** (above), which is extended to 1000px wide for easier use on larger dashboards.
- **Text doesn't copy:** Ensure you have clicked "Generate" first. If the window says "Ready for input...", there is nothing to copy.