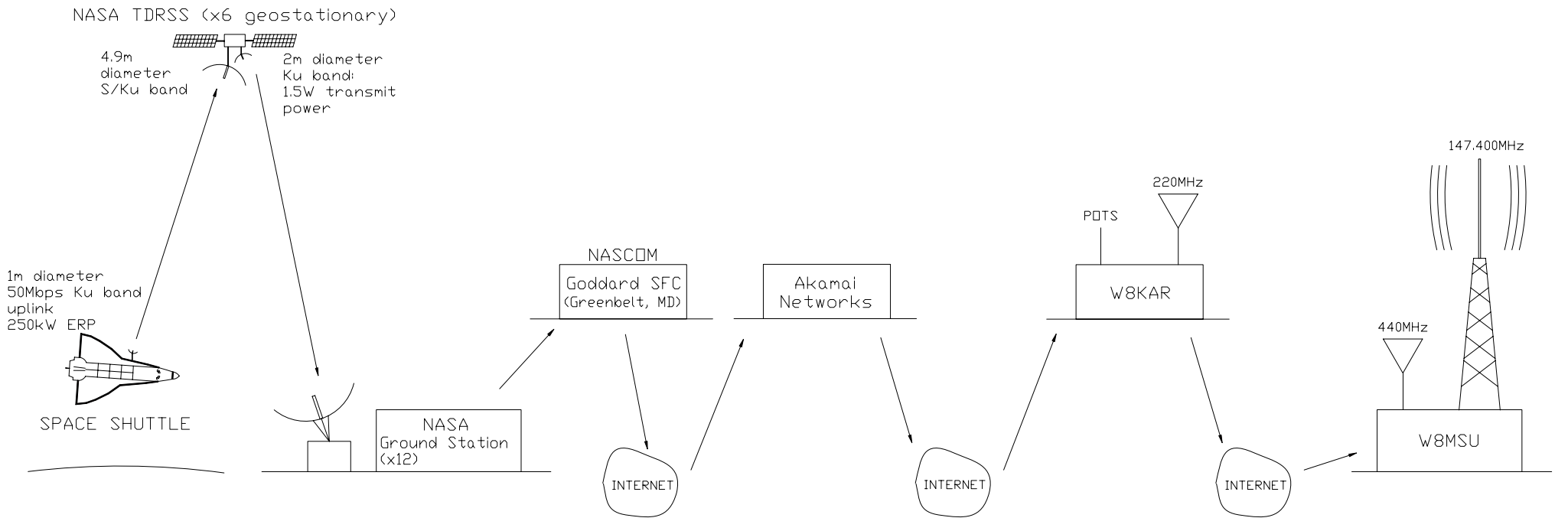


W8MSU: NASA Space Shuttle Audio Re-Broadcast System Diagram

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Space Shuttle Data Stream	NASA Ground Network (Broadband network consisting of landline and satellite links)	Akamai Broadband Data Servers (multiple locations worldwide)	Audio Processing/Conditioning & Control	Audio Re-Broadcast
Wideband voice, data, telemetry stream	Demodulate, process, send video & audio stream for public distribution	Redundant high capacity/quality worldwide streaming servers	Control source via Internet, modem, and 220MHz; compress, expand, band-limit and level audio; provide "active" TX	Transmit processed audio under Internet & UHF control