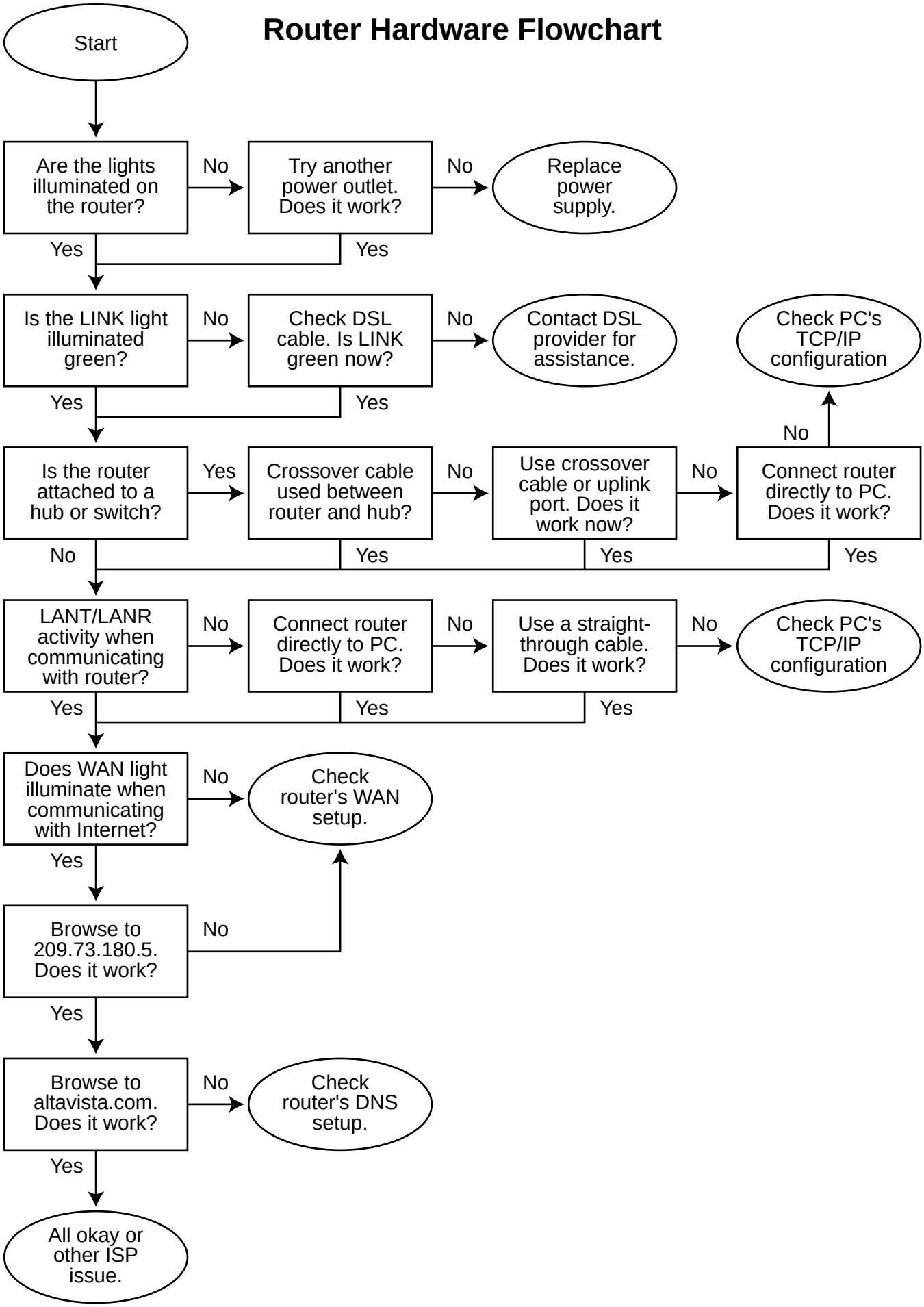Router Hardware Flowchart