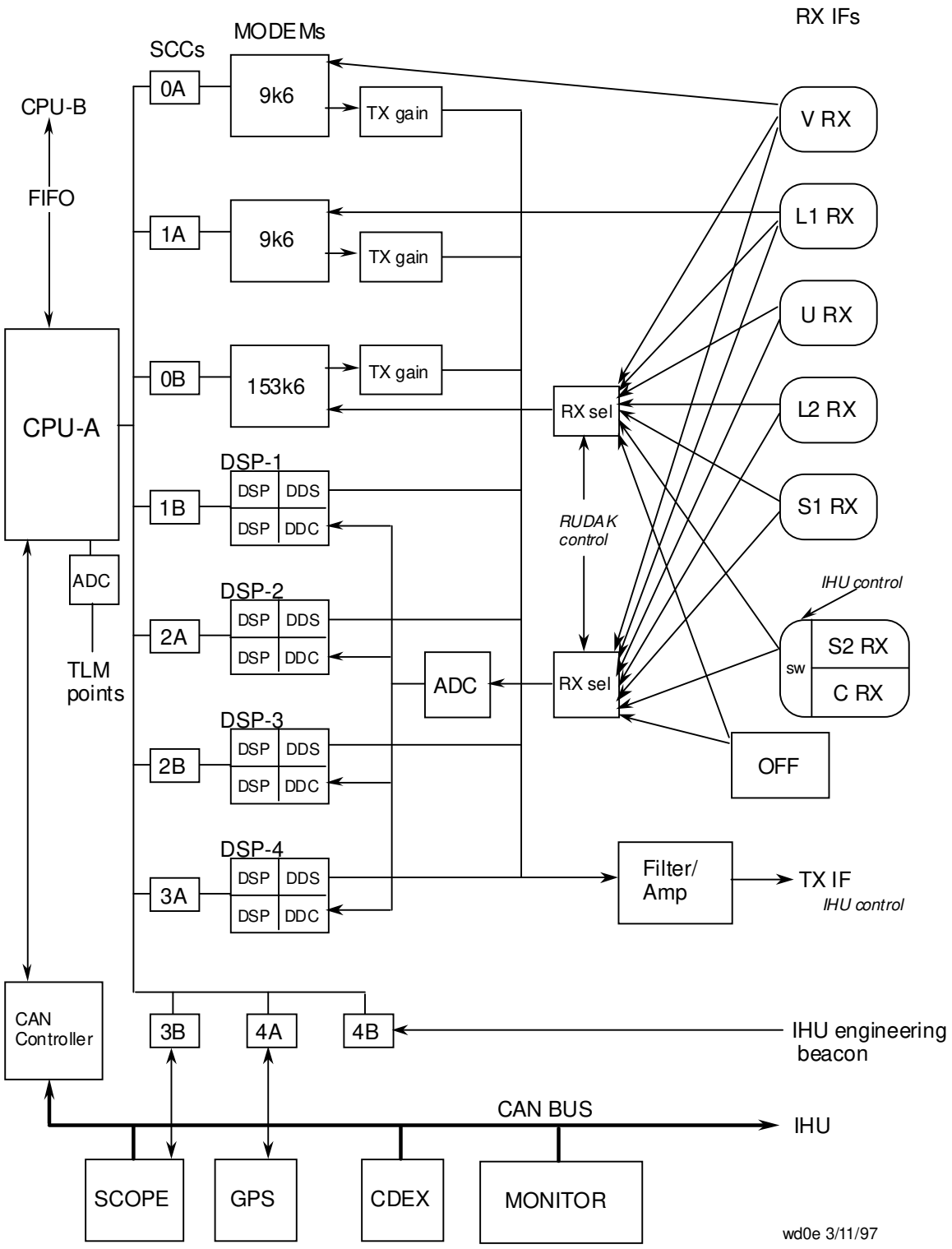RUDAKII BLOCK DIAGRAM