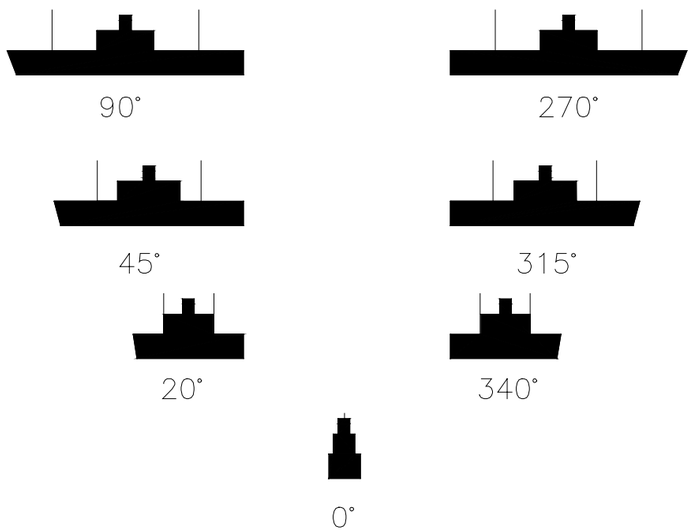
ANGLE ON THE BOW SILHOUETTES

VESSEL HEADING TOWARDS OBSERVER

FOR SHIPS HEADING AWAY
PORT DIRECTION
ANGLE ON THE BOW
= 180 – SILHOUETTE VALUE

FOR SHIPS HEADING AWAY
STARBOARD DIRECTION
ANGLE ON THE BOW
= 540 – SILHOUETTE VALUE



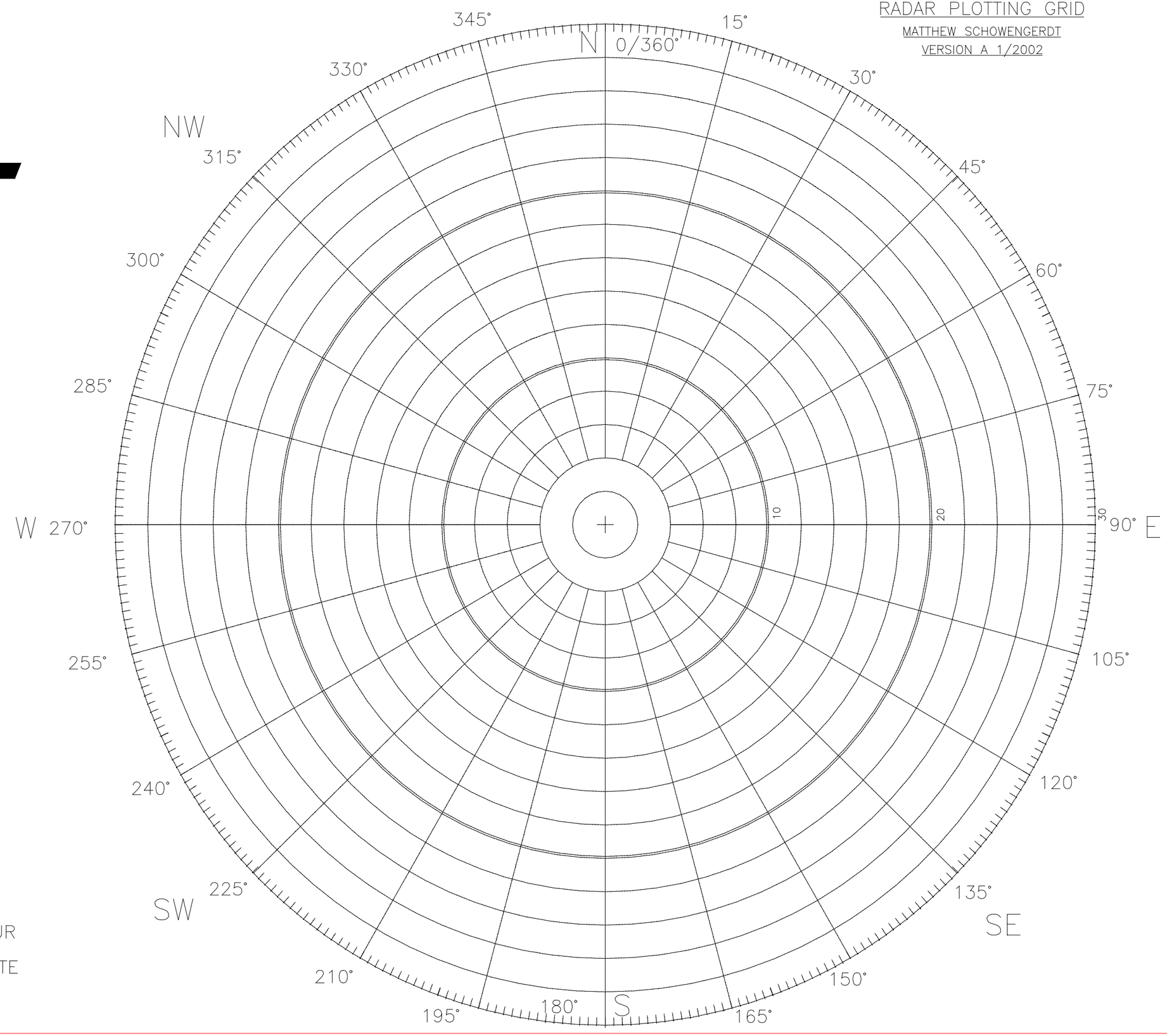
TIME	BEARING	RANGE (YARDS)	TIME DIFF. (MINUTES)	SUB SPEED (YDS/MIN)	DIST SUB TRAVELED (YARDS)

SPEED/DISTANCE EQUATIONS

SPEED IN KNOTS x 2026.6 = YARDS/HOUR

SPEED IN KNOTS x 33.78 = YARDS/MINUTE

RADAR PLOTTING GRID

MATTHEW SCHOWENGERDT

VERSION A 1/2002