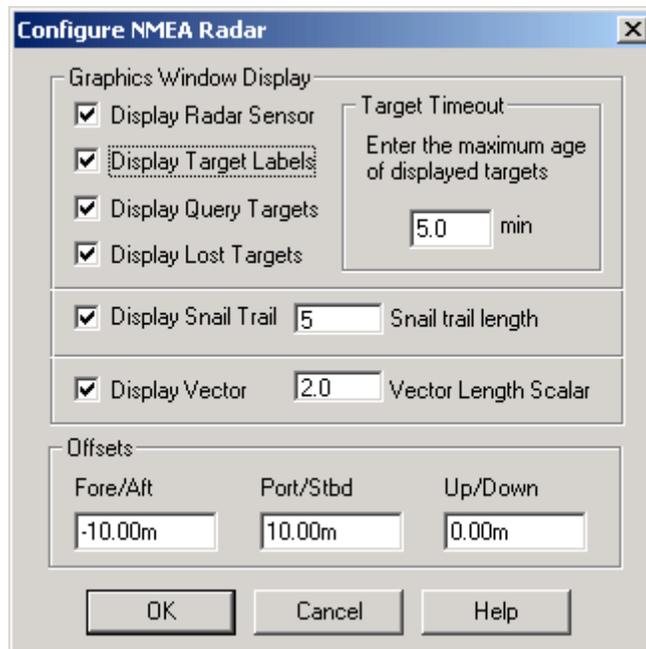




The NMEARADAR configuration dialog allows for the customization of the data that is displayed in the Graphics window and the input of the offsets of the radar system.



Use the checkboxes to enable or disable the display of the radar sensor location on the vehicle, target labels next to the radar target, targets with a *Query* status, and targets with a *Lost* status. The target time out value determines the maximum age of the target data that is displayed. If new data for a target has not been received in the time period entered the target will be removed from the display. The snail trail is similar to that for a vehicle. The vector is an arrow drawn in the direction that the target is traveling and a length proportional to the speed. The scalar can be used to adjust the length of the arrow. Note these last two checkboxes only apply to targets that were sent to WinFrog with the \$--TML sentence.

Enter the offsets from the CRP to the radar systems location on the vehicle. These values are used when NMEA TTM data telegrams are received. The target position that is computed based on the targets range and bearing will be referenced to this offset position.

## TELGRAM SPECIFICATION:

### TLL - Target Latitude and Longitude

Target number, name, position and time tag for use in systems tracking targets.

\$--TLL,xx,llll.ll,a,yyyyy.yy,a,c--c,hmmss.ss,a\*a\*h <CR><LF>

R = Reference target<sup>2</sup>, null otherwise  
 Target status<sup>1</sup>  
 UTC of data  
 Target name  
 Target longitude, E/W  
 Target latitude, N/S  
 Target number, 00 to 99

#### Notes

- 1) Target status:
- L = Lost, tracked target has been lost
  - Q = Query, target in the process of acquisition
  - T = Tracking

### \*TTM - Tracked Target Message

Data associated with a tracked target relative to own ship's position.

\$--TTM,xx,x.x,x.x,a,x.x,x.x,a,x.x,x.x,a,c--c,a,a,hmmss.ss,a\*hh<CR><LF>

Type of acquisition — A = Auto  
 M = Manual  
 R = Reported  
 UTC of data  
 Reference target<sup>2</sup>  
 Target status<sup>1</sup>  
 Target name  
 Speed/distance units, K/N/S — Kilometers  
 Nautical Miles  
 Statute Miles  
 Time to CPA, minutes, "-" = increasing  
 Distance of closest-point-of-approach  
 Target course, degrees true/relative, T/R  
 Target speed  
 Bearing from own ship, degrees true/relative, T/R  
 Target distance, from own ship  
 Target number, 00 to 99

#### Notes:

- 1) Target status:
- L = Lost, tracked target has been lost
  - Q = Query, target in the process of acquisition
  - T = Tracking
- 2) Reference Target: set to "R" if target is a reference used to determine own-ship position or velocity, null otherwise.