

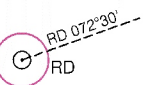
















S Radar, Radio, Electronic Position-Fixing Systems

Radar			
Radar Structures Forming Landmarks → E		Radar Surveillance Systems → M	
1	 Ra	Coast radar station, providing range and bearing service on request	 Ra
2	 Ramark	Ramark, radar beacon transmitting continuously	 Ramark
3.1	 RACON	Radar transponder beacon, with morse identification, responding within the 3-cm(X-)band	 Racon(Z)
3.2		Radar transponder beacon, with morse identification, responding within the 10-cm(S-)band	 Racon(Z) (10cm)
3.3		Radar transponder beacon, responding within the 3-cm(X-) and the 10-cm(S-)band	 Racon(Z) (3&10cm)
3.4		Radar transponder beacon, responding on a fixed frequency outside the marine band	 F Racon
3.5		Radar transponder beacons with bearing line	 Racons ∇ 270° Racon Racon
3.6	 RACON (-) R "2" FI R 4s	 Racon	Floating marks with radar transponder beacons  Racon  Racon
4	 Ra Ref		Radar reflector 
5	 Ra (conspic)		Radar-conspicuous feature 







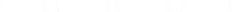

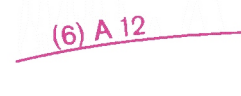
Radio			
Radio Structures Forming Landmarks → E		Radio Reporting (Calling-in or Way) Points → M	
10	 R Bn, RC	Circular (non-directional) marine or aeromarine radiobeacon	 Name RC
11	 RD 072°30'	Directional radiobeacon with bearing line	 RD 269.5°
12	 RW	Rotating-pattern radiobeacon	 RW

S Radar, Radio, Electronic Position-Fixing Systems

13	 CONSOL Bn 190 kHz MMF 	 CONSOL	Consol beacon	 Consol
14	 RDF		Radio direction-finding station	 RG
15	 R Sta	 R	Coast radio station providing QTG service	 R
16	 AERO R Bn		Aeronautical radiobeacon	 Aero R C







Electronic Position-Fixing Systems

Decca

20		Identification of Lattice Patterns	
21		Line of Position (LOP)	
22		Line of Position representing Zone Limit (or, on larger scales) other intermediate LOPs	
23		Half-lane LOP	
24		LOP from adjoining Chain (on Interchain Fixing Charts)	
25		Lane value, with Chain designator (Interchain charts only) and Zone designator	

Note: A Decca Chain Coverage Diagram is given when patterns from more than one Chain appear on a chart. LOPs are normally theoretical ones: if Fixed Error is included, an explanatory note is given.

Loran-C

30	9960-Y 	Identification of Loran-C-Rates	
31		Line of Position (LOP)	
32		LOP representing time difference value of an integral thousand μ s (microseconds)	
33		LOP beyond reliable groundwave service area	

S Radar, Radio, Electronic Position-Fixing Systems

34		LOP from adjoining Chain	
35		LOP from adjoining Chain beyond reliable groundwave service area	
36	<u>9960-Z-58000</u>	LOP labelled with rate and full us value	<u>7970-X 33000</u>
37	<u>050</u>	LOP labelled with final three digits only	<u>050</u>
<p>Note: A Loran-C Chain Diagram may be given if rates from more than one Chain appear on a chart. An explanatory note is given if LOPs include propagation delays.</p>			
<p>Omega</p>			
40	DF CF AC	Charted station pairs	AB BC
41		Line of Position (LOP)	
42	<u>DF - 702</u>	Lane values	<u>897</u> <u>AB-900</u>
<p>Note: A cautionary note draws attention to the need to consult Propagation Prediction Correction (PPC) tables. An explanatory note draws attention to the unreliability of LOPs within 450 n miles of a transmitter.</p>			
<p>Satellite Navigation Systems</p>			
50	WGS WGS 72 WGS 84	World Geodetic System, 1972 or 1984	WGS WGS 72 WGS 84
<p>Note: A note may be shown to indicate the shifts of latitude and longitude, in hundredths of a minute, which should be made to satellite-derived positions (which are referred to WGS) to relate them to the chart.</p>			