

Art.83- Position and Characteristics of Buoys in the Suez Canal :

A - Approaches and Sea Channels:

(1) - Port Said:

Position	Colour	Daymark	Characteristics
----------	--------	---------	-----------------

a) " Approaches " :

Fair way Buoy :

Lat : 31 21'.32 N Black - Yellow 2 Black con Q
Long: 32 20'.81 E Horizontal stripes points up

Wreck Buoy :

Lat : 31 25'.24 N Black-Red 2Black Bolls. FL. (2) 10 sec.
Long : 32 22'.98 E Horizontal bands

b) Port Said SeaChannels :

1 - East :

Hm. 215 "East" :

Lat: 31 26'.11 N Red Can Isophase R.4 sec.
Long :32 24'.61

Hm. 215 "West" :

Lat: 31 26'.21 N Green Cone Isophase G. 4 sec.
Long : 32 24'.16 E

Hm. 195.0 "East" :

Lat: 31 25'.06 N Red Can Fl. R.
Long : 32 24'.30 E

Hm. 195.0 "East" :

Lat: 31 25'.06 N Red Can Fl. R.
Long: 32 23'.85 E

Hm. 165.0 "East" :

Lat: 31 23'.49 N Red Can Fl. R.
Long : 32 23'.81 E

Hm. 165.0 "West" :

Lat: 31 23'.58 N Green Cone FL. G.
Long: 32 23'.41 E

Port Said SeaChannels :

(East)

Hm . 150.0" East " :

Lat : 31 22'.71 N Yellow Yellow Oc. (4) R
Long : 32 23'.57 E St . Andrews

Hm . 150.0" West " :

Lat : 31 26'.21 N Green Yellow Oc. (4) R
Long : 32 24'.16 E St . Andrews

Position	Colour	Daymark	Characteristics
Hm . 135.0 " East " : Lat : 31 21'.93 N Long : 32 23'.32 E	Red		Can Q. R.
Hm . 135.0 " West " : Lat : 31 22'.00 N Long : 32 22'.98 E	Green		Cone Q. G.
Hm . 125 " East " : Lat : 31 21'.40 N Long : 32 23'.16 E	Red		Can Iso. R (4)s
Hm . 125 " West " : Lat : 31 21'.47 N Long : 32 22'.83 E	Green		Cone Iso. G(4)s
Hm . 116 " East " : Lat : 31 20'.93 N Long : 32 23'.01 E	Red		Cone FL. R.
Hm . 116 " West " : Lat : 31 21'.00 N Long : 32 22'.70 E	Green		Cone FL. G.
Hm . 105 " East " : Lat : 31 20'.34 N Long : 32 22'.89E	Red		Can FL. R.

Port Said Sea Channels :

(East

Hm . 105.0 " West " :

Lat : 31 20'.42 N

Long : 32 22'.54 E

Hm . 92 "East" :

Lat : 31 19'.68 N

Long : 32 22'.73 E

Hm . 92" West " :

Lat : 31 19'.74 N

Long : 32 22'.35 E

Hm . 83.0 "Middle Buoy":

Lat : 31 19'.26N

Long : 32 22'.22 E

Hm .80.0" East " :

Lat : 31 19'.05 N

Long : 32 22'.41 E

Hm . 80.0" West " :

Lat : 31 19'.10 N

Long : 32 22'.17 E

Hm . 70.0" East " :

Lat : 31 18'.53 N

Long : 32 22'.26 E

Hm . 70.0" West " :

Lat : 31 18'.58 N

Yellow

Yellow F. Y.

St. Andrews

White

Cardinal FL. R.

Green

Can FL. G.

Black-Yellow

Yellow

Q.Y.

N. cardinal

2 Cones Point up

Red

Can

Iso. R (4)s

Green

Cone

Iso. G (4)s

Red

Can

Iso. R (4)s

Green

Cone

Iso. G (4)s

Position	Colour	Daymark	Characteristics
----------	--------	---------	-----------------

Long:32 22'.04 E

Hm . 60.0" East " :

Lat : 31 18'.01 N

Long : 32 22'.10 E

Red

Can

FL. R.

Port Said SeaChannels :

(East) :

Hm . 60.0" West " :

Lat : 31 18'.05 N

Long : 32 22'.89 E

Hm . 45.0" East " :

Lat : 31 17'.22 N

Long : 32 21'.86 E

Hm .45.0" West " :

Lat : 31 17'.26 N

Long : 32 21'.68 E

Hm .30.0 " East":

Lat : 31 16'.44 N

Long : 32 21'.61 E

Hm .30.0" West " :

Lat : 31 16'.47 N

Long : 32 21'.46 E

Hm . 15.0" East " :

Lat : 31 15'.65 N

Long : 32 21'.37 E

Hm . 15.0" West " :

Lat : 31 15'.68 N

Long : 32 21'.24 E

Hm . 00.0" East " :

Lat : 31 14'.87 N

Long : 32 21'.12 E

Hm . 00.0" West " :

Lat : 31 14'.89 N

Long : 32 21'.02 E

Green

Cone

FL. G.

Red

Can

FL. R.

Green

Cone

FL. G.

Red

Can

FL. R.

Green

Cone

FL. G.

Red

Can

FL. R.

Green

Cone

FL. G.

Red

Can

FL.R

Green

Cone

FL. G.

Port Said SeaChannels :

(East)

Hm .1.333 "East":

Lat : 31 14'.16 N

Long : 32 20'.95 E

Hm .1.333" West " :

Lat : 31 14'.19 N

Long : 32 20'.81 E

Red

Can

FL. R.

Green

Cone

FL. G.

Position	Colour	Daymark	Characteristics
----------	--------	---------	-----------------

Port Said Sea Channels :

2 - West :

Buoy .No.8 :

Lat : 31 21'.13 N	Green	Cone	F. G.
Long : 32 21'.04 E			

Buoy .No .7 :

Lat : 31 20'.52 N	Green	Cone	F. G.
Long : 32 21'.31 E			

Buoy . No . 6 :

Lat : 31 19'.91 N	Green	Cone	F. G.
Long : 32 21'.58 E			

Hm . 83.0 :

Lat : 31 19'.26 N	Mentioned in Port Said Channels as " Middle Buoy"		
Long : 32 22'.22 E			

Hm .80.0 " East " N0. 5 :

Lat : 31 19'.13 N	Red	Can	F. R.
Long : 32 22'.11 E			

Hm . 80.0" West " No . 5 :

Lat : 31 19'.13 N	Green	Cone	F. G.
Long : 32 21'.85 E			

Port Said Sea Channels:

(West)

Hm .65.0" East " :

Lat : 31 18'.50 N	Red	Can	F. R.
Long : 32 21'.51 E			

Hm .65.0 West " :

Lat : 31 18'.65 N	Green	Cone	F. G.
Long : 32 21'.30 E			

Hm .50.0 "East " :

Lat : 31 17'.87 N	Red	Can	F. R.
Long : 32 20'.92 E			

Hm. 50.0 "West" :

Lat : 31 17'.99 N	Green	Cone	F. G.
Long : 32 20'.74 E			

Hm. 35.0 "East" :

Lat : 31 17'.24 N	Red	Can	F. R.
Long: 32 20'.32 E			

Hm. 35.0 "West" :

Lat : 31 17'.34 N	Green	Cone	F. G.
Long: 32 20'.18 E			

Hm. 21.5 "East" :

Lat : 31 16'.68 N	Red	Can	F.R.
Long: 32 19'.78 E			

Hm. 21.5 "West" :

Lat : 31 16'.75 N	Green	Cone	F. G.
Long: 32 19'.68 E			

Position	Colour	Topmark	Characteristics
----------	--------	---------	-----------------

(2) - Port of Suez:

a) Approaches:

S. Shoal:

Lat: 29° 38'.87 N

Long: 32° 35'.98 E

Conry Rock:

Lat: 29° 48'.11 N

Long: 32° 34'.22 E

Buoy "L" :

Lat: 29° 44'.93 N

Long: 32° 38' .67 E

Buoy "M" :

Lat: 29° 50'.00 N

Long: 32° 35'.29 E

Buoy "N" :

Lat: 29 50'.63 N

Long: 32° 35'.29 E

Buoy "D" :

Lat: 29° 51'.28 N

Long: 32° 35'.29 E

Buoy "C" :

Lat: 29° 51'.93 N

Long: 32° 35'.29 E

Buoy "B" :

Lat: 29° 52'.06 N

Long: 32° 34'.54 E

Buoy "A" :

Lat: 29° 52'.17 N

Long: 32° 33'.84 E

Separation Zone Buoys :

Buoy No. 1 :

Lat: 29 39'.49 N

Long: 32 32'.42 E

Buoy No.2 :

Lat: 29 48'.55 N

Long: 32 32'.12 E

(New Port Rock) :

Lat: 29 53'.11 N

Long: 32 33'.08 E

2 Black cones

Points inward Q (9) 15s

2 Black cones

Points inward Q (9) 15s

Yellow

Yellow
s. Andrews

Q. Y.

Yellow

Yellow
s. Andrews

F. Y.

Yellow

Yellow
s. Andrews

Q. Y.

Yellow

F.Y.

Yellow

FL.Y.

Yellow

F.Y.

Yellow

F.Y.

(See Art. 9 para B)

R . W

R . ball L. F1. 10s
Racon (0) Horn

R . W

R . ball Iso 6s
Racon (D) Horn

Green

Framework FL. 5s 17m 10 M.

b) Port of Suez Sea Channels:

Hm. 80.5 "East":

Lat: 29 51'.16 N

Long: 32 33'.33 E

Green

Cone

Occ.Gr. (1) 4 sec.

Position	Colour	Topmark	Characteristics
Hm. 80.5 "West" : Lat: 29 51'.15 N Long: 32 33'.13 E	Red	Can	Occ.R.(1) 4 sec.
Hm. 70.5 "East" : Lat: 29 51'.70 N Long: 32 33'.26 E	Green	Cone	Fl. G.
Hm. 70.5 "West" : Lat: 29 51'.69 N Long: 32 33'.05 E	Red	Can	FL.R.
Hm. 60.0 "East" : Lat: 29 52'.27 N Long: 32 33'.16 E	Green	Cone	FL.G.
Hm. 60.0 "West" : Lat: 29 52'.27 N Long: 32 32'.96 E	Red	Can	FL.R.

Port of Suez Sea Channels:

Hm. 44.4 "East" : Lat: 29 53'.10 N Long: 32 33'.03 E	Green	Cone	FL.G.
Hm.44.4 "West" : Lat: 29 53'.10 N Long: 32 32'.82 E	Red	Can	FL.R.
Hm. 24.00 "East" : Lat: 29 54'.24 N Long: 32 32'.85 E	Green	Cone	Q.G.
Hm. 24.00 " West " : Lat: 29 54'.15 N Long: 32 32'.50 E	Red	Can	Q.R.
Hm. 19.00 "West" : Lat: 29 54'.50 N Long: 32 32'.60 E	Red	Can	FL.R.
Hm. 14.00 "East" : Lat: 29 54'.73 N Long: 32 32'.93 E	Green	Cone	Q.G.
Hm. 7.00 "East" : Lat: 29 55'.13 N Long: 32 33'.10 E	Green	Cone	FL. G. 2 sec.
Hm. 1.00 "West" : Lat: 29 55'.48 N Long: 32 33'.03 E	Red	Can	Occ.R. 4 sec.
Km. 162.150 "East" (Hm. 0.00) (South entrance of Canal): Lat: 29 55'.43 N Long: 32 33'.29 E	Green	Cone	Occ. G. 4 sec.

B- The Suez Canal:(Bouys are located along the line of 9.0m. Design depth)

Position	Characteristics	Remarks
----------	-----------------	---------

East	West
------	------

➡ **West Branch “Port said”:**

Km. 4.100	F. G.	F.R.	Canal Buoys
Km. 6.100	F. G.	F.R.	Canal Buoys
Km. 7.000	F. G.	F.R.	Canal Buoys
Km. 9.000	F. G.	F.R.	Canal Buoys
Km. 10.000	F. G.	F.R.	Canal Buoys
Km. 11.500	F. G.	F.R.	Canal Buoys
Km. 13.000	F. G.	F.R.	Canal Buoys
Km. 16.000	F. G.	F.R.	Canal Buoys
Km. 17.000	F. G.	F.R.	Canal Buoys
Km. 17.050	Q(6)+L. FL.		End of Island, Beacon Black & Yellow Horizontal Bands Canal Buoy, Red, Black, Red

➡ **East Branch “Port said”:**

Km. 2.900 E	F. G.	F.R.	Canal Buoys
Km. 4.500 E	F. G.	F.R.	Canal Buoys
Km. 6.000 E	F. G.	F.R.	Canal Buoys
Km. 7.500 E	F. G.	F.R.	Canal Buoys
Km. 9.000 E	F. G.	F.R.	Canal Buoys
Km. 10.500E	F. G.	F.R.	Canal Buoys
Km. 12.000E	F. G.	F.R.	Canal Buoys
Km. 13.500E	F. G.	F.R.	Canal Buoys
Km. 15.100E	F. G.	F.R.	Canal Buoys
Km. 15.450E	F. G.	F.R.	Canal Buoys

➡ **Main Canal:**

Km. 18.000	F.G.	F.R.	Canal Buoys
Km. 18.500	F.G.	F.R.	Canal Buoys
Km. 19.000	F.G.	F.R.	Canal Buoys
Km. 20.500	F.G.	F.R.	Canal Buoys
Km. 22.000	F.G.	F.R.	Canal Buoys
Km. 23.500	F.G.	F.R.	Canal Buoys
Km. 25.000	F.G.	F.R.	Canal Buoys
Km. 26.500	F.G.	F.R.	Canal Buoys
Km. 28.000	F.G.	F.R.	Canal Buoys
Km. 29.500	F.G.	F.R.	Canal Buoys
Km. 30.500	F.G.	F.R.	Canal Buoys
Km. 31.500	F.G.	F.R.	Canal Buoys
Km. 32.350		Occ.R.	Canal Buoy West
Km. 32.950		Occ.R.	Canal Buoy West
Km. 34.000	F.G.	F.R.	Canal Buoys
Km. 35.000	F.G.	F.R.	Canal Buoys
Km. 36.500	F.G.	F.R.	Canal Buoys
Km. 38.000	F.G.	F.R.	Canal Buoys

Position	Characteristics		Remarks
	East	West	
Km. 39.500	F.G.	F.R.	Canal Buoys
Km. 41.000	F.G.	F.R.	Canal Buoys
Km. 42.500	F.G.	F.R.	Canal Buoys
Km. 44.000	F.G.	F.R.	Canal Buoys
Km. 45.500	F.G.	F.R.	Canal Buoys
Km. 47.000	F.G.	F.R.	Canal Buoys
Km. 48.500	F.G.	F.R.	Canal Buoys
Km. 50.000	Reflector	Reflector	Conical (East) & (West)
Km. 51.000	F.G.	F.R.	Canal Buoys
km. 51.427		Q.	North end of Ballah, Beacon Black & Yellow

➡ **West Branch “Ballah”:**

Km. 51.500	F.G.	F.R.	Light on Rails
Km. 52.200	F.G.	F.R.	Light on Rails
Km. 54.200	F.G.	F.R.	Light on Rails
Km. 55.500	F.G.	F.R.	Light on Rails
Km. 57.000	F.G.	F.R.	Light on Rails
Km. 57.500	-	-	Conical (East)
Km. 58.000	F.G.	F.R.	Light on Rails
Km. 59.000	F.G.	F.R.	Light on Rails
Km. 60.000	F.G.	F.R.	Light on Rails

➡ **East Branch “Ballah”:**

Km. 51.449E	F.G.	F.R.	Canal Buoys
Km. 52.000E	F.G.	F.R.	Canal Buoys
Km. 53.500E	F.G.	F.R.	Canal Buoys
Km. 55.000E	F.G.	F.R.	Canal Buoys
Km. 56.500E	F.G.	F.R.	Canal Buoys
Km. 58.000E	F.G.	F.R.	Canal Buoys
Km. 59.500E	F.G.	F.R.	Canal Buoys
Km. 59.942E	F.G.	F.R.	Canal Buoys

➡ **Main Canal:**

Km. 60.358	Q(6) + L.FL		South end of Ballah, Beacon Yellow & Black Horizontal Bands
Km. 60.637	F.G.	F.R.	Canal Buoys
Km. 61.000	Reflector	Reflector	Conical (East) & West)
Km. 61.330	F.G.	Reflector	Canal Buoy (East) Conical (West)
Km. 62.000	F.G.	F.R.	Canal Buoys
Km. 62.330	Reflector	Reflector	Conical (East) & (West)
Km. 62.660	F.G.	F.R.	Canal Buoys
Km. 63.000	Reflector	Reflector	Conical (East) & (West)

Position	Characteristics		Remarks
	East	West	
Km. 63.330	F.Gr.	F.R.	Canal Buoys
Km. 64.000	F.Gr.	F.R.	Canal Buoys
Km. 65.500	F.Gr.	F.R.	Canal Buoys
Km. 67.000	F.Gr.	F.R.	Canal Buoys
Km. 68.500	F.Gr.	F.R.	Canal Buoys
Km. 70.000	F.Gr.	F.R.	Canal Buoys
Km. 71.400	F.Gr.	F.R.	Canal Buoys
Km. 72.330	F.Gr.	F.R.	Canal Buoys
Km. 73.000	F.Gr.	Reflector	Canal Buoy (East) Conical(West)
Km. 73.660	F.Gr.	F.R.	Canal Buoys
Km. 74.330	F.Gr.	Reflector	Canal Buoys (East) Conical (West)
Km. 75.000	F.Gr.	F.R.	Canal Buoys
Km. 75.660	F.Gr.	F.R.	Canal Buoys
Km. 76.330	F.Gr.	F.R.	Canal Buoys
Km. 76.950		Q.	North end of Timsah

➡ Timsah Lake:

Km. 77.671	F.Gr.	F.R.	(No. 10)
Km. 77.212	F.Gr.	F.R.	
Km. 78.060	F.R.		(No.10 bis)
Km. 78.315	F.Gr.		
Km. 78.270	Fl. Y.		
Km. 78.279	Fl. Y		(No. 11)
Km. 78.395	Fl. Y		(No.11 bis)
Km. 78.542	F. Y.		
Km. 78.725	F. Y.		(No. 12)
Km. 78.895	F.Y.		(No.12 bis)
Km. 78.925	F.G.		
Km. 79.065	F.G.	F.R.	(No.13)
Km. 79.943	F.G.	F.R.	
Km. 80.621	F.G.	F.R.	
Km. 81.200	F.G.	F.R.	
Km. 81.250	Q(6)+L.	FL	South end of Timsah by-pass Beacon Yellow& Black Horizontal bands

➡ East Branch "Timsah":

Km. 77.000E	F.G.	F.R.	Canal Buoys
Km. 77.660E	F.G.	F.R.	Canal Buoys
Km. 78.420E	F.G.	F.R.	Canal Buoys
Km. 78.900E	F.G.	F.R.	Canal Buoys
Km. 79.800E	F.G.	F.R.	Canal Buoys
Km. 80.360E	F.G.	F.R.	Canal Buoys

Position	Characteristics	Remarks
----------	-----------------	---------

East	West
------	------

➡ **Timsah Lake:**

Km. 82.100	F.G.	F.R.	Canal Buoys
Km. 83.000	F.G.	F.R.	Canal Buoys
Km. 84.000	F.G.	F.R.	Canal Buoys
Km. 85.026	F.G.	F.R.	Canal Buoys
Km. 85.625	F.G.	Reflector	Canal Buoys (East) Conical (West)
Km. 86.300	F.G.	F.R.	Canal Buoys
Km. 87.000	F.G.	Reflector	Canal Buoys (East) Conical (West)
Km. 87.700	F.G.	F.R.	Canal Buoys
Km. 88.600	F.G.	F.R.	Canal Buoys
Km. 89.500	F.G.	F.R.	Canal Buoys
Km. 91.000	F.G.	F.R.	Canal Buoys
Km. 92.500	F.G.	F.R.	Canal Buoys
Km. 93.100	F.G.	F.R.	Canal Buoys
Km. 94.000	F.G.	F.R.	Canal Buoys
Km. 94.955		Q.	North Deversoir by-pass Black & Yellow Horizontal bands

➡ **West Branch “Deversoir”:**

Km. 95.000	F.G.	F.R.	Canal Buoys
Km. 96.000	F.G.	F.R.	Canal Buoys
Km. 97.000	F.G.	F.R.	Canal Buoys
Km. 97.700	F.G.	F.R.	Canal Buoys
Km. 98.700	F.G.	F.R.	Canal Buoys
Km. 99.700	F.G.	Fl. R.	Canal Buoys
Km.100.250		FL. Y	South end of Deversoir by-pass Yellow
Km. 101.270W	-	F.R.	Canal Buoys
Km. 101.272E	F.G.		(West channel) G.B.L
Km. 102.600	F.G.	F.R.	Canal Buoys (West channel) G.B.L

➡ **East Branch “Deversoir”:**

Km. 95.000E	F.G.	F.R.	Canal Buoys
Km. 95.250E	F.G.	F.R.	Canal Buoys
Km. 96.000E	F.G.	F.R.	Canal Buoys
Km. 97.700E	F.G.	F.R.	Canal Buoys
Km. 98.700E	F.G.	F.R.	Canal Buoys
Km. 99.700E	FL.G.	-	Canal Buoys
Km. 101.272W	-	F.R.	Canal Buoys
Km. 102.600E	F.G.	F.R.	Canal Buoys

Position	Characteristics	Remarks
----------	-----------------	---------

East	West
------	------

➡ **Great Bitter Lake:**

Km. 103.344	F.G. F.R.	End of E. & W. branches
Km. 103.755	- F.R.	Beginning of W. passage
Km. 104.160	- F.R.	Limit of West passage
Km. 104.160	Q.(6) +L.FL. Racon(D)	Y.B. black double cone top marks points down (S mark)
"North Light"		
Km. 105.550	- F.R.	Limit of West passage
Km. 105.550	F. Orange	Orange St. Andrews cross
"C1"		
Km. 105.550	F.G. -	Limit of East passage
Km. 107.700	- F.R.	Limit of West passage
Km. 107.700	F. Orange	Orange St. Andrews cross
"C2"		
Km. 107.700	F.G. -	Limit of East passage
Km. 109.500	- F.R.	Limit of West passage
Km. 109.500	F. Orange	Orange St. Andrews cross
"C3 "		
Km. 109.500	F.G. -	Limit of East passage
Km. 111.500	- F.R.	Limit of West passage
Km. 111.500	F. Orange	Orange St. Andrews cross
"C4"		
Km. 111.000	F.G. -	Limit of East passage
Km. 112.870	- F.R.	Limit of West passage
Km. 112.870	F. Orange	Orange St. Andrews cross
"C5"		
Km. 112.870	F.G. -	Limit of East passage
Km. 114.200	L.Fl.10 _s Racon(K)	Orange St. Andrews cross
"South Light"		R. W. colour
Km. 114.200	F.G. -	Limit of East passage
Km. 114.200	- FL.R.	Limit of West passage
Km. 114.750	- FL.R.	Limit of West passage
Km. 114.800	Fl.G. -	Limit of East passage
Km. 115.025	Q (9)	North end of Kabrit by-pass Middle buoy, Y. B. Y.
Km. 115.134	FL.G. FL.R.	Beginning of Kabrit West branch
Km. 115.134	F.G. F.R.	Beginning of Kabrit East branch

Position	Characteristics	Remarks
----------	-----------------	---------

East	West
------	------

➡ **West Branch “Kabrit”:**

Km. 115.603	F.G. F.R.	Canal Buoys
Km. 116.800	F.G. F.R.	Canal Buoys
Km. 118.000	F.G. F.R.	Canal Buoys
Km. 119.200	F.G. F.R.	Canal Buoys
Km. 120.400	F.G. F.R.	Canal Buoys
Km. 120.827	F.G. F.R.	Canal Buoys
Km. 121.600	F.G. F.R.	Canal Buoys
Km. 122.100	F.G. F.R.	Canal Buoys
Km. 122.150	Q (3)	South end of Kabrit by-pass B. Y. B. Horizontal bands

➡ **East Branch “Kabrit”:**

Km. 115.607E	F.G. F.R.	Canal Buoys
Km. 116.800E	F.G. F.R.	Canal Buoys
Km. 118.800E	F.G. F.R.	Canal Buoys
Km. 119.200E	F.G. F.R.	Canal Buoys
Km. 120.400E	F.G. F.R.	Canal Buoys
Km. 120.827E	F.G. F.R.	Canal Buoys
Km. 121.600E	F.G. F.R.	Canal Buoys
Km. 122.100E	F.G. F.R.	Canal Buoys
Km. 122.150	Q (3)	South end of Kabrit by-pass B. Y. B.(E-mark) Horizontal bands

➡ **Main Canal:**

Km. 122.500	Reflector -	Conical (East)
Km. 122.690	F.G. F.R.	Canal Buoys
Km. 123.104	Reflector -	Conical (East)
Km. 123.501	F.G. F.R.	Canal Buoys
Km. 123.903	Reflector -	Conical (East)
Km. 124.280	F.G. F.R.	Canal Buoys
Km. 124.693	Reflector -	Conical (East)
Km. 125.097	F.G. F.R.	Canal Buoys
Km. 125.470	Reflector -	Conical (East)
Km. 125.800	F.G. F.R.	Canal Buoys
Km. 126.310	F.G. F.R.	Canal Buoys
Km. 127.029	F.G. F.R.	Canal Buoys
Km. 128.066	F.G. F.R.	Canal Buoys
Km. 129.025	F.G. F.R.	Canal Buoys
Km. 129.503	Reflector -	Conical (East)
Km. 130.060	F.G. F.R.	Canal Buoys
Km. 130.396	Reflector -	Conical (East)
Km. 130.600	F.G. F.R.	Canal Buoys
Km. 131.001	Reflector -	Conical (East)

Position	Characteristics		Remarks
	East	West	
Km. 131.402	F.G.	F.R.	Canal Buoys
Km. 131.660	Reflector	-	Conical (East)
Km. 132.000	F.G.	F.R.	Canal Buoys
Km. 133.175	F.G.	F.R.	Canal Buoys
Km. 133.800	F.G.	F.R.	Canal Buoys
Km. 135.000	F.G.	F.R.	Canal Buoys
Km. 136.000	F.G.	F.R.	Canal Buoys
Km. 137.000	F.G.	F.R.	Canal Buoys
Km. 138.000	F.G.	F.R.	Canal Buoys
Km. 139.000	F.G.	F.R.	Canal Buoys
Km. 140.000	F.G.	F.R.	Canal Buoys
Km. 141.000	F.G.	F.R.	Canal Buoys
Km. 142.000	F.G.	F.R.	Canal Buoys
Km. 143.000	F.G.	F.R.	Canal Buoys
Km. 144.000	F.G.	F.R.	Canal Buoys
Km. 144.714	-	F.R.	Canal Buoy (West)
Km. 145.496	F.G.	F.R.	Canal Buoys
Km. 147.146	F.G.	F.R.	Canal Buoys
Km. 147.975	F.G.	F.R.	Canal Buoys
Km. 148.985	F.G.	F.R.	Canal Buoys
Km. 149.660	F.G.	F.R.	Canal Buoys
Km. 151.000	F.G.	F.R.	Canal Buoys
Km. 152.000	F.G.	F.R.	Canal Buoys
Km. 153.035	F.G.	F.R.	Canal Buoys
Km. 153.554	F.G.	F.R.	Canal Buoys
Km. 154.310	-	F.R.	Canal Buoy (West)
Km. 154.685	F.G.	-	Canal Buoy (East)
Km. 155.000	-	F.R.	Canal buoy (West)
Km. 155.330	F.G.	-	Canal buoy (East)
Km. 156.258	F.G.	F.R.	Canal Buoys
Km. 156.625	F.G.	-	Canal Buoy (East)
Km. 157.000	-	F.R.	Canal Buoy (West)
Km. 157.375	F.G.	-	Canal buoy (East)
Km. 158.000	F.G.	F.R.	Canal Buoys
Km. 158.625	F.G.	-	Canal Buoy (East)
Km. 159.000	-	F.R.	Canal Buoy (West)
Km. 159.330	F.G.	-	Canal Buoy (East)
Km. 160.000	F.G.	F.R.	Canal Buoys
Km. 161.050	F.G.	F.R.	Canal Buoys
Km. 162.150	Occ.G(1) 4 sec.		Canal Buoys

N.B. : Current buoys see p.132 and drawing