

CLW 10/9/2020

## Marco Island City ATONs

Zone ID	ATON Designation	Survey Date	Latitude (deg min)	Longitude (deg min)	Comment	Material of Structure	Photo Side 1	Photo Side 2	Aid Not Needed	Needs Repair***	Channel Priority (1=High 4=Low)	Condition if not Good*	Out of Pos (ft) if >75**	Channel Name	Light List Number	On 11430
D09	R6A	2020-02	N 25° 57.863'	W 81° 44.041'	Missing completely. Marker was in good condition Dec 2018. Hazard buoy (Zone ID D42) has been placed ~300 ft SW of previous R6A position.	Concrete			Yes	C1	M	NLL	Collier Bay			
D11	R8	2020-02	N 25° 57.822'	W 81° 44.145'	Sign is peeling of of metal backing significantly on south side but number still fully legible.	Concrete	<a href="https://c">https://c</a>	Yes		C1	F	NLL	Collier Bay			
D40	G3	2020-02	N 25° 57.750'	W 81° 44.100'	Missing - Lightlist Shows In Mangroves. Not Needed.			X		C1	M	NPM	Collier Bay	17015	yes	
D41	G5	2020-02	N 25° 57.750'	W 81° 44.183'	Missing - Lightlist Shows In Mangroves. Not needed.			X		C1	M	NPM	Collier Bay	17025	yes	
D06	R2	2020-02	N 25° 58.153'	W 81° 43.902'	Good - number difficult to read on shadow side of most of the markers in this channel.	Concrete	Yes	Yes		C1		570	Collier Bay	17010	yes	
D07	R4	2020-02	N 25° 57.991'	W 81° 43.883'	Like new. Number difficult to read looking toward sun	Concrete	Yes	Yes		C1		1764	Collier Bay	17020	yes	
D08	R6	2020-02	N 25° 57.930'	W 81° 43.939'	Good. Number difficult to read looking toward sun	Wood	Yes	Yes		C1		2316	Collier Bay	17035	yes	
D10	G7	2020-02	N 25° 57.805'	W 81° 44.137'	Good	Concrete	Yes	Yes		C1		1170	Collier Bay	17040	yes	
D13	G9	2020-02	N 25° 57.719'	W 81° 44.231'	Good	Concrete	Yes	Yes		C1		NLL	Collier Bay			
D34	R10	2020-02	N 25° 57.696'	W 81° 44.266'	Number barely visible N Side but in dark shadow. Number beginning to peel.	Concrete	Yes	Yes		C1		NLL	Collier Bay			
D36	G11	2020-02	N 25° 57.671'	W 81° 44.246'	Good	Concrete	Yes	Yes		C1		NLL	Collier Bay			
D38	G11A	2020-02	N 25° 57.628'	W 81° 44.199'	Like new	Wood	Yes	Yes		C1		NLL	Collier Bay			
D39	R12	2020-02	N 25° 57.605'	W 81° 44.209'	Number barely visible NE Side, but in dark shadow	Concrete	Yes	Yes		C1		NLL	Collier Bay			
D42	Caution	2020-02	N 25° 57.825'	W 81° 44.080'	New Hazard buoy "Caution" ~300 ft SW of missing R6A position		Yes			C1		NLL	Collier Bay			
C24	R6	2020-01	N 25° 57.888'	W 81° 43.460'	Good	Wood	Yes	Yes		C1		221	Factory Bay East	17080	yes	
C26	R4	2020-01	N 25° 57.935'	W 81° 43.432'	Good	Wood	Yes	Yes		C1		110	Factory Bay East	17075	yes	
C47	R2	2020-01	N 25° 58.050'	W 81° 43.365'	Good	Wood	Yes	Yes		C1		266	Factory Bay East	17070	yes	
C27	G5	2020-01	N 25° 57.906'	W 81° 43.535'	Signs bent small amount	Wood	Yes	Yes		C1		371	Factory Bay West	17065	yes	
C28	G3	2020-01	N 25° 58.108'	W 81° 43.526'	Good	Wood	Yes	Yes		C1		140	Factory Bay West	17060	yes	
C32	G1	2020-01	N 25° 58.221'	W 81° 43.542'	Good	Wood	Yes	Yes		C1		182	Factory Bay West	17055	yes	
C48	G3A	2020-01	N 25° 58.058'	W 81° 43.534'	Background fading	Wood	Yes			C1		NLL	Factory Bay West			
E40	G13	2020-02	N 25° 57.416'	W 81° 43.896'	Good	Concrete	Yes	Yes		C1		NLL	Smokehouse Bay			
E41	G15	2020-02	N 25° 57.316'	W 81° 43.830'	Good	Concrete	Yes	Yes		C1		NLL	Smokehouse Bay			
E42	R16	2020-02	N 25° 57.306'	W 81° 43.867'	Like new	Concrete	Yes	Yes		C1		NLL	Smokehouse Bay			
H10	Obst B	2020-01	N 25° 57.790'	W 81° 44.793'	Submerged Rocks Danger Both sides bent, S side upside down	Wood	<a href="https://c">https://c</a>	<a href="https://c">https://c</a>	Yes	C2	P		Big Marco Pass	17087.1		
H12	Obst A	2020-01	N 25° 57.612'	W 81° 45.004'	Original ATON ("Submerged Rocks Danger") is missing completely but not needed. Now there are beach signs as described here: <a href="https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2">https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2</a>		Yes		X		C2	M	227	Big Marco Pass	17087	
H26	Obst D	2020-01	N 25° 58.323'	W 81° 44.297'	"Danger-Submerged Rocks" Background faded, No orange Border	Wood	<a href="https://c">https://c</a>	Yes		C2	F		Big Marco Pass	17087.3		
H27	Obst Light E	2020-01	N 25° 58.457'	W 81° 43.990'	Missing since Hurricane Irma 2017. This was a substantial marker with signs "Submerged Rocks Danger", white flashing light (4 sec) and ladder. This was functionally part of the Collier Bay channel and should have the high repair priority of that channel.	Wood	Yes			Yes	C2	M		Big Marco Pass	17087.4	yes
H19	Obst C	2020-01	N 25° 58.127'	W 81° 44.510'	"Danger T-Groin" S side bent but otherwise good	Wood	Yes	Yes		C2		140	Big Marco Pass	17087.2		

## ATON Survey Data

Data from "6. ATON Survey Data" of Watersign Wkbk.xlsx

Zone ID	ATON Designation	Survey Date	Latitude (deg min)	Longitude (deg min)	Comment	Material of Structure	Photo Side 1	Photo Side 2	Aid Not Needed	Needs Repair***	Channel Priority (1=High 4=Low)	Condition if not Good*	Out of Pos (ft) if >75**	Channel Name	Light List Number	On 11430
I29	N Obst Light2	2020-03	N 25° 54.615'	W 81° 43.863'	Light, Sign "Rocks". Sign background badly faced. Light works FI W 2 sec.	Wood	<a href="https://c">https://c</a>				C2	F	142	Caxambas Breakwater	16917	
I30	N Obst Light1	2020-03	N 25° 54.608'	W 81° 43.863'	Light on piling but does not work.	Wood				Yes	C2	Mpo	197	Caxambas Breakwater	16917.5	
I31	N Obst	2020-03	N 25° 54.596'	W 81° 43.862'	Piling Only.	Wood				Yes	C2	Mpo	NLL	Caxambas Breakwater		
I32	C Obst 2	2020-03	N 25° 54.585'	W 81° 43.865'	Piling Only.	Wood				Yes	C2	Mpo	152	Caxambas Breakwater	16917.7	
I33	C Obst Light	2020-03	N 25° 54.576'	W 81° 43.868'	Piling Only.	Wood				Yes	C2	Mpo	190	Caxambas Breakwater	16917.8	yes
I34	C Obst1	2020-03	N 25° 54.561'	W 81° 43.867'	Piling Only.	Wood				Yes	C2	Mpo	201	Caxambas Breakwater	16917.9	yes
I35	S Obst	2020-03	N 25° 54.544'	W 81° 43.877'	Piling Only.	Wood				Yes	C2	Mpo	NLL	Caxambas Breakwater		
I36	S Obst Light2	2020-03	N 25° 54.529'	W 81° 43.877'	Light on piling but does not work.	Wood				Yes	C2	Mpo	106	Caxambas Breakwater	16918	yes
I37	S Obst Light1	2020-03	N 25° 54.522'	W 81° 43.877'	Light Works FI W 2 sec, sign missing	Wood	<a href="https://c">https://c</a>			Yes	C2	Mpo	148	Caxambas Breakwater	16918.5	
F15	R2	2020-02	N 25° 57.739'	W 81° 44.322'	Like new. Hard to read shadow side.	Concrete	Yes	Yes			C2		NLL	Collier Bay West		
F16	G3	2020-02	N 25° 57.704'	W 81° 44.333'	Like new. Hard to read shadow side.	Concrete	Yes	Yes			C2		NLL	Collier Bay West		
F17	G5	2020-02	N 25° 57.589'	W 81° 44.367'	Good. Hard to read shadow side.	Concrete	Yes	Yes			C2		NLL	Collier Bay West		
F18	G7	2020-02	N 25° 57.475'	W 81° 44.367'	Like new. Hard to read shadow side.	Wood	Yes	Yes			C2		NLL	Collier Bay West		
F33	G1	2020-02	N 25° 57.710'	W 81° 44.280'	Good condition. Difficult to read shadow side.	Concrete	Yes	Yes			C2		NLL	Collier Bay West		
C12	Obst Light	2020-01	N 25° 57.720'	W 81° 42.742'	Missing. At Base Of Yacht Club Pier?					Yes	C3	M	NPM	Marco Island Yacht Clu	17085	yes
Aa14	R2	2020-01	N 25° 56.043'	W 81° 39.259'	Missing completely. May be submerged hazard.	Wood				Yes	C3	M	115	Moran's Marina	16840	yes
Aa15	R4	2020-01	N 25° 56.052'	W 81° 39.308'	Background faded to white	Wood	<a href="https://c">https://c</a>		Yes		C3	F	112	Moran's Marina	16850	
Aa16	G3	2020-01	N 25° 56.026'	W 81° 39.305'	Missing. Piling Only	Wood	<a href="https://c">https://c</a>			Yes	C3	Mpo		Moran's Marina	16845	
Aa17	G1	2020-01	N 25° 56.027'	W 81° 39.261'	Missing. Piling Only	Wood				Yes	C3	Mpo		Moran's Marina	16835	yes
H08	N Obst	2020-01	N 25° 58.200'	W 81° 44.417'	Original ATON missing but not needed. Now there are beach signs as described here: <a href="https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2">https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2</a>		X				C4	M	NPM	Royal Marco Point	16986	yes
H09	S Obst	2020-01	N 25° 58.100'	W 81° 44.500'	Missing (Duplicate 17087.2) Not needed. Now there are beach signs as described here: <a href="https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2">https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2</a>		X				C4	M	NPM	Royal Marco Point	16987	yes
H06	N Obst	2020-01	N 25° 57.667'	W 81° 44.900'	Missing (Duplicate 17087.1) Not needed. Now there are beach signs as described here: <a href="https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2">https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2</a>		X				C4	M	NPM	South Point	16961	yes
H07	S Obst	2020-01	N 25° 57.567'	W 81° 45.017'	Missing (Duplicate 17087) Not needed. Now there are beach signs as described here: <a href="https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2">https://drive.google.com/open?id=1RdAtwBycbrxCxLx2ix1KXSF10k0wlQZ2</a>		X				C4	M	NPM	South Point	16962	yes
Count (non-blank)		52					7		15		26		21		33	

\* Condition: **G** = Good **F** = Fair **P** = Poor **M** = Completely Missing **Mpo** = Piling only **S** = Special problem (requires attention described in Comment) **Mos** = Missing one side **NS** = Not reported any survey **PN** = Proposed New\*\* Out of Position or Issue: **Number** = Distance (ft) between LightList and Survey location if > 75 ft **NLL** = Not on LightList **NS** = Not Reported in any survey **NPM** = No Position Measurement (missing all surveys) **SP** = Submerged Piling\*\*\* Criteria for Needs Repair: **Condition** = P, S, M, Mpo, Mos or PN (except M or Mpo when aid not needed)