

FEDERAL AID INFORMATION DOCUMENT (FID)

Sabine Pass Lighted Buoy 27

LLNR **22530**
 AID NUMBER **200100416361**

DIST. REV. DATE **10/11/2018**
 UNIT REV. DATE **06/04/2020**
 DISTRICT **8**

GENERAL

DESCRIPTION TYPE LB	AP LATITUDE 29-41-21.511N
ENVIRONMENT SM	AP LONGITUDE 093-50-19.783W
WATERWAY Sabine Pass	POS. DET. METHOD DGPS
WATERWAY NO. 83187	WATERWAY TYPE DWM
AID AVAIL. CATEGORY 2	POS. TOLERANCE 15yds
DRF1 33	RIVER
DRF1 CATEGORY 5	MILE
OPERATION PERM	BANK
FROM DATE	PRIMARY UNIT RESP. CGC HARRY CLAIBORNE
TO DATE	SECONDARY UNIT RESP. CG ANT SABINE
	SECTOR CG SECTOR HOUSTON GALV
CHART NUMBERS 11342	

INSPECTIONS

	AID INSPECTION	MOORING	RECHARGE	HULL RELIEF	SEASONAL HULL RELIEF
MAINT PERFORMANCE DATE	06/04/2020	06/04/2020	09/24/2018	10/03/2013	
SCHED MAINT INTERVAL	36	36	48	84	
NEXT SCHED MAINT DATE	06/04/2023	06/04/2023	09/24/2022	10/03/2020	

PHYSICAL CHARACTERISTICS [BUOYS]

AUTHORIZED HULL **6X20LR**
 ON-SCENE HULL **8X26LR**
 SUMMER HULL ID **8-05-40-WF-D8**
 SEASONAL HULL
 SEASONAL HULL ID
 COLOR **G**
 SOUND TYPE
 BRIDLE **1 1/4X15**
 BOTTOM TYPE **MUD**
 DEPTH **39 FT**

CHAIN TYPE	SIZE	LENGTH	LAST MEASUREMENT
CHAFE	1 1/2	90	48/32 (6/4/2020)
BOTTOM	1 1/2	15	

SINKER TYPE	WEIGHT	UNIT
CONCRETE	12000	LBS

SWIVEL TYPE	NUMBER	SHACKLE TYPE	NUMBER
2ND CLASS	1	2ND CLASS	1
		3RD CLASS	1
		SPECIAL	1
		2ND CLASS	1
		3RD CLASS	1
		3RD CLASS	1

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POWER SYSTEMS

PRIMARY

POWER TYPE **SOLAR**
BATTERY TYPE **Self-Contained**
BATTERY QTY **1**
AMP-HR
BATTERY INFO **SERIAL NUMBER**
08-061017
SOLAR PANELS **TYPE QTY**
LEDSC

LIGHTING AND SOUND SYSTEMS

LIGHT SIGNAL EQUIPMENT

PN - PRIMARY NIGHT

LANTERN TYPE	Carmanah M850 60X	FLASHER TYPE	N/A
COLOR	GREEN	CONTACT CLOS. TIME	
TIERS	0	LAMP TYPE	LED
SPREAD LENS DEGREE	360	LAMP CHANGER TYPE	N/A
LIGHT CHARACTERISTIC	Q G	CANDELA	
		REQUIRED CANDELA	20
		NOMINAL RANGE	3

SOUND AND ELECTRONIC SIGNAL EQUIPMENT

SOUND CHAR.		SOUND RANGE	
SOUND EMITTER TYPE		FOG DETECTOR TYPE	
SOUND EMITTER MODEL		RACON MORSE CHAR.	

REMARKS

DATE	UNIT	REMARK
06/04/2020	CGC HARRY CLAIBORNERFV:	SCHED MAINT. FOUND AID ON STA. VERIFIED HULL #8-05-40-WF-D8. VERIFIED BATTERY #08-061017. CHAFE MEASUREMENT 29/36's WITH ACWR 3/32's. UPDATED MOORING CONFIGURATION TO 90FT 1 1/2 IN CHAFE AND 15FT 1 1/2 ON BOTTOM. CHARTED DEPTH DOES NOT CONCUR WITH AP. REPLACE SINKER NEXT VISIT DUE TOO WORN BAIL. VERIFIED USAIMS, CHART, L/L, AND C/P. LWP.

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09/24/2018	CG ANT SABINE	RFV: AID REPORTED EXTINGUISHED. FOUND AID AS REPORTED DUE TO LOW VOLTAGE ON CARMANAH 701-5SC. REMOVED CARMANAH 701-5SC, BATTERY NUMBER 08-053657. RECHARGED WITH CARMANAH M850 BATTERY NUMBER 08-061017, FL Q G, 20 CANDELA. FOUND AID ON STATION USING HYPOTENUSE METHOD. CONDUCTED INSPECTION IAW SHORT RANGE AIDS TO NAVIGATION SERVICING GUIDE. VERIFIED USAIMS, CHART, LIGHT LIST, AND COAST PILOT. LWP. ATON COXN: BM2 HACKER: ATON TECH: BM3 PHILLIPS.
10/11/2016	CGC HARRY CLAIBORNER	RFV: SCHED MOOR INSPECT. FOUND AID ON STATION, CHAFE MEASUREMENT 40/32'S, 3/32'S. NEED TO WORK IN THE CHANNEL VERIFIED I-ATONIS, CHARTS, COAST PILOT AND LIGHT LIST. LWP.
12/04/2014	CG ANT SABINE	RFV: CONDUCTED DISC RESP. AID REPORTED EXT. FOUND AID ON STATION AS REPORTED WITH CARMANAH 702-5 MISSING. RECHARGED WITH CARMANAH 702-5 BATT #08-053657. VERIFIED CHARTS, COAST PILOT, LIGHT LIST, AND I-ATONIS. LWP.
10/03/2013	CGC HARRY CLAIBORNER	RFV: Sched Hull Relief. Found aid on sta. Chafe measurement 37/32's, ACWR 1/32's. Relieved old hull 8-04-81-WF with new authorized hull 8-05-40-WF-d8. Transferred Carmanah 702-5 battery #08-041678 to new authorized hull. Verified Charts, I-ATONIS, L/L and C/P. LWP.
05/19/2011	CGC HARRY CLAIBORNE	COND SCHED MOOR/INSP. FOUND AID ON STA AT SHORTSTAY. CHAIN MEASUREMENT 40/32. 6/32 ACW PER YR. EXTENDED HULL 2 YRS DUE TO GOOD CONDITION. VERIFIED CHARTS, LL, CP, IATONIS. LWP.
07/21/2010	CGC HARRY CLAIBORNE	COND SCHED RECHARGE. REPLACED LEGACY LIGHTING EQUIP WITH CARMANAH 702-5. S/N: 08-041678. EXTENDED HULL 2 YEARS.
09/02/2009	CGC HARRY CLAIBORNE	COND SCHED MOORING. REMOVED 25 FT OF CHAIN FROM BOTTOM. FND AID WATCHING PROPERLY. LWP. VERIFIED CHARTS, LL, CP, IATONIS. LWP.
03/23/2009	CG ANT SABINE	CONDUCTED DISC RESP. AID REPORTED DIM. FND WATCHING PROPERLY. LWP.
11/17/2008	CG ANT SABINE	COND DISC RESP. AID REPORTED OFF STATION. FND AID ON STATION. LWP.
09/27/2008	CG ANT SABINE	COND. DISC. RESPONSE. FOUND AID EXT DUE TO BURNED OUT LAMPS. REPLACED ALL .77A LAMPS AND INSTALLED 35W SOPAN (OLD SOPAN MISSING). LWP.
07/26/2007	CGC HARRY CLAIBORNE	COND SCHED SERVICE. FOUND AID ON-STA. REPLACED 45' OF 1 1/2" CHAIN. RESET AID ON-STA. AID LWP.
09/21/2006	CG ANT SABINE	CONDUCTED DISCREPANCY RESPONSE FOUND AID SHOWING IMPROPER CHARACTERISTICS. REPLACED SOPAN, SOPAN STAND, AND 155mm GREEN LENS. THANKS TO STA SABINE FOR RESPONSE ASSISTANCE. LWP.
09/30/2005	CGC HARRY CLAIBORNE	COND HURRICANE RECOVERY OPS. FOUND AID ON STA USING FRATION OF THE WCR. AID LWP.

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08/09/2005	UNKNOWN UNIT	CONDUCTED SHCEDULED RELIEF.FOUND AID ON STATION. REPLACED OLD HULL S/N 8-74-43 WITH NEW HULL S/N 8-04-81-WF. REPLACED ALL LIGHTING GEAR AND (2) OLD BATTERIES S/N 08-025200 AND 08-025213 WITH (2) NEW BATTERIES S/N 08-030806 AND 08-030807. RESET AID ON STATION. AID LWP.
01/24/2005	UNKNOWN UNIT	FOUND AID RACKED BY OUTRIGGER, REPLACED ALL LIGHTING EQUIPMENT AND SOPAN STAND, VERFIED WITH ATONIS, L/L, CHART, AND COAST PILOT, LWP
11/09/2004	UNKNOWN UNIT	DIS RESPONSE, REPAIRED BATTERY BOX, RECHARGED WITH 08-025200 08-025213, REPLACED ALL LIGHTING EQUIPMENT, VERFIED WITH COAST PILOT, L/L CHART AND ATONIS, LWP
11/03/2004	UNKNOWN UNIT	CONDUCTED DISCEPANCY RESPONSE, FOUND AID BURNING DIM AS REPORTED DUE TO LOW BATT VOLTAGE, UNABLE TO REMOVE BATTERIES DUE TO HEAVY RUST CORROSION, REMOVED ALL OPTICS AND INSTALLED ONE CARMANAH 700 SERIES LANTERN S/N 700-2561, BOUYS NAUT. LT RANGE IS TEMPORARILY 3NM. LWP.
06/02/2004	UNKNOWN UNIT	CONDUCTED SCHEDULED INSPECTION AND MOORING ON AID. FOUND AID ON STATION, RESET AID CLOSER TO AP. AID LWP.
04/30/2004	UNKNOWN UNIT	DISC. RESPONCE, ANT SABINE, FOUND SOPAN DESTROYED, REPLACED SOPAN AND ALL LIGHTING EQUIPMENT, VERFIED VIA ATOINS/ LL/AND CHART, LWP
08/27/2003	UNKNOWN UNIT	DISC RESP; ANT SABINE FOUND AID WITH LENS MISSING. REPLACED LENS AND 03 LAMPS. LWP.
08/20/2002	UNKNOWN UNIT	CONDUCTED SCHED WORK ON AID. FOUND AID ONSTA AND RESET ON AP. AID LWP.
07/17/2002	UNKNOWN UNIT	CONDUCTED DISCREPANCY RESPONSE, FOUND AID WATCHING PROPERLY. LWP.
11/08/2000	UNKNOWN UNIT	FOUND AID WITH SOPAN BRACKET BENT OVER AND LENS MISSING. STRAIGHTENED SOPAN BRACKET AND REPLACED LENS AND ONE LAMP. LWP W/12.6 U/L
11/05/2000	UNKNOWN UNIT	03 NOV 00: ANT SABINE CONDUCTED DISCREPANCY RESPONSE. FOUND AID WITH BROKEN LENS, SOPAN DESTROYED AND SOPAN BRACKET BENT. REPLACED LENS AND SOPAN & STRAIGHTENED SOPAN BRACKET. LWP WITH 13.0 V. AID WAS REPORTED HIT BY SHRIMP BOAT.
06/25/1999	UNKNOWN DISTRICT	APR 060199

SIGNATURE _____