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**PHASE I CULTURAL RESOURCES SURVEY
AND ARCHEOLOGICAL INVENTORY OF THE
PROPOSED CARROLLTON REVETMENT
PROJECT, ORLEANS PARISH, LOUISIANA**

VOLUME II of II

FINAL REPORT
NOVEMBER 2004

PREPARED FOR:

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APPENDIX I

**CULTURAL MATERIAL
RECOVERED DURING SURVEY**

Table 1. Cultural material recovered during survey and Phase I cultural resources survey and archaeological inventory of Carrollton Revetment Project Area.

FS	CM	Area	Transsect	Trench	Strat	Level	Top El	Bot El	Additional Provenience	Ct	Material	Function	Type	Subtype	Additional Description	Portion	Comments
001	GSC	D (Bisso Marine)							Surface Collection 15 m radius of Auger Test 1	1	glass	indeterminate domestic	jar	cosmetic/ pharmaceutical	milk glass	complete	small, machine-made ointment or cream jar
001	GSC	D (Bisso Marine)							Surface Collection 15 m radius of Auger Test 1	1	ceramic	architectural	hard-paste porcelain	insulator	electric	complete	
001	GSC	D (Bisso Marine)							Surface Collection 15 m radius of Auger Test 1	1	glass	food indeterminate	bottle	beverage	green	complete	machine-made; crown finish; suction-scar; "T" mark
002	GSC	D (Bisso Marine)							Surface Collection GV Mapping Point #5; from top of slope in asphalt fill	1	brick	architectural	stiff mud	indeterminate	orange	fragment	thinner than normal
003	GSC	D (Bisso Marine)							Surface Collection	1	bakelite	household	iron	clothing	Sunbeam Ironmaster	handle	deco design
003	GSC	D (Bisso Marine)							Surface Collection	1	steel	tools/implements	utensil	spoon	tableware	complete	"World Stainless", floral design
003	GSC	D (Bisso Marine)							Surface Collection	1	brick	architectural	stiff mud	indeterminate	orange	fragment	
003	GSC	D (Bisso Marine)							Surface Collection	1	ferrous	indeterminate	cover	indeterminate	indeterminate	fragment	half an oval coverplate with indeterminate lettering
003	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate	flat	7.16 mm	colorless	fragment	thick; window or table
003	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate	indeterminate	indeterminate	colorless	fragment	large, thick piece with fluted interior
003	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate	bottle	indeterminate	colorless	complete	Owens-Illinois; w/ 4 to left, 2 to right, and 5 below
003	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate	bottle	indeterminate	amber	body	
003	GSC	D (Bisso Marine)							Surface Collection	1	glass	food consumption	container	tableware	colorless	rim	smooth w/ etched vertical lines
003	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate	bottle	indeterminate	green	base	stippled, machine-made
003	GSC	D (Bisso Marine)							Surface Collection	1	glass	hygiene	bottle	Sure-Klean bleach	amber	base	&Sons ... REKLEAN / LEANS, LA U.S.A.; and "UDDO" on side, Owens scar and Pennsylvania keystone mark
003	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	indeterminate storage	hard-paste porcelain	container	undecorated	lid	round, larger lid with ball top
003	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food consumption	ironstone	plate	Fiesta ware	base	green
003	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food consumption	hard-paste porcelain	plate	undecorated	base	no visible maker's marks
003	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food consumption	whiteware	plate	yellow-glaze	base	
003	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food consumption	whiteware	plate	hand-painted	base	floral decoration in yellow, black
004	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food consumption	whiteware	container	edge-decorated	rim	blue "bud" pattern
004	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food indeterminate	ironstone	container	transfer-print	body	blue
004	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food indeterminate	whiteware	container	undecorated	rim	scalloped edge
004	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food consumption	whiteware	plate	hand-painted	base	floral decoration in yellow, black
004	GSC	D (Bisso Marine)							Surface Collection	2	ferrous	construction hardware	nail	wire	indeterminate	complete	8-10.5 cm; one clinched
004	GSC	D (Bisso Marine)							Surface Collection	1	metal	personal adornment	watchband	man's	N/A	fragment	silver rectangles attached together
004	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate domestic	curved	indeterminate	colorless	body/rim	thick, tulip-shaped bowl with bit of extending base; possible candy bowl or light cover
004	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate	container	indeterminate	amber	body	small, probable bottle
004	GSC	D (Bisso Marine)							Surface Collection	1	glass	architectural	window	bathroom	embossed	fragment	swirly pattern
004	GSC	D (Bisso Marine)							Surface Collection	1	glass	food consumption	bottle	indeterminate	colorless	finish/neck	crown finish, machine-made
004	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate domestic	curved	indeterminate	colorless	body	paneled, like tulip-shaped container above
004	GSC	D (Bisso Marine)							Surface Collection	1	glass	food indeterminate	jar	indeterminate	solarized	finish/neck	machine-made; lightning closure?
004	GSC	D (Bisso Marine)							Surface Collection	1	glass	indeterminate	container	indeterminate	stained	body	red stain over yellow glass
004	GSC	D (Bisso Marine)							Surface Collection	1	ceramic	food consumption	ironstone	container	undecorated	rim	

Table 1. Cultural material recovered during survey and Phase I cultural resources survey and archeological inventory of Carrollton Revetment Project Area.

FS	CM	Area	Transsect	Trench	Strat	Level	Top E1	Bot E1	Additional Provenience	Ct	Material	Function	Type	Sub-type	Additional Description	Portion	Comments
004	GSC	D (Bisso Marnie)							Surface Collection	1	ceramic	food consumption	ironstone	plate	undecorated	rim/base	makers mark Shenango Pottery co.; Indian with pot
004	GSC	D (Bisso Marnie)							Surface Collection	2	brick	architectural	indeterminate	indeterminate	orange	fragment	
004	GSC	D (Bisso Marnie)							Surface Collection	1	ceramic	architectural	redware	pipe	drainage	fragment	
004	GSC	D (Bisso Marnie)							Surface Collection	1	plastic	personal clothing	button	2 hole	indeterminate	complete	
005	GSC	D (Bisso Marnie)							Surface Collection	1	ceramic	architectural	cement	block	indeterminate	fragment	square with indet. Lettering
006	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, 5 m SW corner of train	1	glass	indeterminate	jar	indeterminate	cobalt	base	Maryland Glass Corp. mark
007	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, 3 m NE from back of train	1	glass	food consumption	bottle	Wright root beer	applied color label	complete	"Drink the Wright Root Beer"; "Washington Ice-Royal Products/ New Orleans, LA"
008	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, 3 m NW from front of train	1	brick	architectural	stiff mud	machine-made	St. Louis V-FB Co.	fragment	"St. Louis V & F.B. Co; Star"
009	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, 4 m NE from front of train	1	glass	indeterminate	bottle	indeterminate	colorless	complete	machine-made; rectangular, and short; Pennsylvania keystone mark, with * to left, 20 to right
010	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, 6 m NE from front of train	1	glass	food consumption	bottle	indeterminate	colorless	finish/neck	machine-made
011	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, 10 m NW from back of train	1	glass	food consumption	bottle	Barques root beer	applied color label	base	"Cascade Bott. Wks / Cont. 12 FL Ozs / New Orleans, LA" Owens Illinois mark; "Barques" on side; "Design Pat. D-98026"
012	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, bottom of coal chute	1	glass	food consumption	bottle	indeterminate	applied color label	body	"D-98..."; probably Barques
012	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, bottom of coal chute	1	glass	indeterminate	bottle	indeterminate	colorless	finish/neck	threaded finish; machine-made; bulbous, figure 8 neck
012	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, bottom of coal chute	14	cuprous	security	key	MasterLock	indeterminate	complete	on ring, with full body lion and "Masterlock" in script, deco/nouveau, not modern, style
012	GSC	B (Bisso Tow Boat)							Surface Collection at train/coal chute, bottom of coal chute	1	cuprous	security	key	indeterminate	indeterminate	complete	"...OLLAND... OOR KEYS", attached to same ring as Masterlock keys
013	GSC	B (Bisso Tow Boat)	1						Surface Collection 10 m N of Auger Test 1	1	glass	food consumption	bottle	indeterminate	colorless	finish/neck	machine-made; collared finish
014	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 2 m radius of Auger Test 9	1	ceramic	indeterminate storage	yellow-ware	container	Rockingham	lid	round lid with oval top
014	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 2 m radius of Auger Test 9	1	synthetic	architectural	tile	indeterminate	indeterminate	fragment	dark grey; possible asbestos
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	food consumption	bottle	Wright root beer	applied color label	body/base	faint "Wright Root Beer", embossed "W" in circle;
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	2	glass	hygiene	bottle	Sure-Klean bleach	amber	base	one with "SUREKLEAN"/"F. Udd..."; and one with "Uddo & Son..."
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	indeterminate	bottle	indeterminate	colorless	base	"Duraglass" in script

Table 1. Cultural material recovered during survey and Phase I cultural resources survey and archeological inventory of Carrollton Revetment Project Area.

FS	CM	Area	Transsect	Trench	Strat	Level	Top EI	Bot EI	Additional Provenience	Ct	Material	Function	Type	Subtype	Additional Description	Portion	Comments
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	indeterminate	bottle	indeterminate	colorless	base	Owens-Illinois mark with "Duraglass" in script
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	indeterminate	bottle	indeterminate	amber	base	machine-made; Owens-Illinois Glass Co.
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	indeterminate	bottle	indeterminate	colorless	finish	machine-made, threaded
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	indeterminate	bottle	indeterminate	colorless	finish	machine-made, single bead
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	2	glass	indeterminate domestic	jar	cosmetic/ pharmaceutical	milk glass	finish	machine-made, threaded, not from same jars
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	indeterminate	jar	indeterminate	cobalt	finish	machine-made, threaded
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	medicine	jar	pharmaceutical	cobalt	body	"BROM./EM." Bromo-Seltzer, Emerson Drug Co.
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	indeterminate	container	indeterminate	cobalt	body	probably same vessel as cobalt finish
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	toys/games	marble	indeterminate	white/clear/orange	complete	orange is matte
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	ceramic	food indeterminate	ironstone	container	embossed	rim	blue color with embossed flower
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	ceramic	architectural	tile	indeterminate	indeterminate	fragment	reddish, possible roofing
015	GSC	B (Bisso Tow Boat)	1						Surface Collection sample from 10 m radius at Auger Test 10 and walkway	1	glass	indeterminate	container	indeterminate	colorless	body	embossed abstract design
016	GSC	B (Bisso Tow Boat)							Surface Collection; outside of project area at 107 degrees and 75 m E of Transsect 2	1	glass	indeterminate	container	indeterminate	cobalt	body	
016	GSC	B (Bisso Tow Boat)							Surface Collection; outside of project area at 107 degrees and 75 m E of Transsect 2	1	glass	indeterminate	bottle	indeterminate	colorless	complete	small, threaded; machine-made; Hazel Atlas mark, "L-4816"

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FS	CM	Area	Transect	Trench	Strat	Level	Top EI	Bot EI	Additional Provenience	Ct	Material	Function	Type	Subtype	Additional Description	Portion	Comments
016	GSC	B (Bisso Tow Boat)							Surface Collection, outside of project area at 107 degrees and 75 m E of Transect 2	1	ceramic	food indeterminate	stoneware	container	blue sponge/Bristol slip	body	small
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	glass	food storage	bottle	milk	colorless	complete	valve mark
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	glass	indeterminate	bottle	indeterminate	light aqua	body	
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	glass	indeterminate	bottle	indeterminate	colorless	base	"W.T. Co./D/U.S.A
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	ceramic	food storage	stoneware	jug	Albany slip	lip/handle	buff paste
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	ceramic	food indeterminate	ironstone	container	undecorated	base	bowl or cup
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	ceramic	food indeterminate	ironstone	container	undecorated	body	
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	ceramic	food indeterminate	whiteware	container	embossed	rim	scalloped edge
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	ceramic	food storage	stoneware	container	Bristol slip/hand-painted	body	single blue line
017	GSC	B (Bisso Tow Boat)							Surface Collection 3 m SE of Transect 2 Auger Test 2	1	ceramic	indeterminate	terracotta	container	plain	body	unglazed
018	TR	B (Bisso Tow Boat)	1	II	5	40 cmbs	50 cmbs			1	ceramic	food consumption	ironstone	cup	edge-decorated	rim/handle	thick w purple line at edge
019	TR	B (Bisso Tow Boat)	2	I		30 cmbs	30 cmbs			1	aluminum	food consumption	can	Rex Draft root beer	printed	complete	"Canned by LA Coca-Cola Bottling Co.; possible local variant of Fanta
019	TR	B (Bisso Tow Boat)	2	I		30 cmbs	30 cmbs			1	aluminum	food consumption	can	indeterminate	pull-tab	lid	"Super Fun Cap", with "Record and Tapes" on interior
019	TR	B (Bisso Tow Boat)	2	I		30 cmbs	30 cmbs			1	aluminum	food consumption	can	indeterminate	pull-tab	lid	
020	TR	B (Bisso Tow Boat)	2	I		40 cmbs	50 cmbs			1	ferrous	construction hardware	screw	indeterminate	indeterminate	complete	very large with octagonal head and u-shaped top portion
021	TR	B (Bisso Tow Boat)	2	I		90 cmbs	110 cmbs			1	brick	architectural	stiff mud	machine-made	brown	fragment	"F.B.../TANDA..."; probably Standard
022	TR	B (Bisso Tow Boat)	3	II		20 cmbs	40 cmbs			1	glass	indeterminate	container	indeterminate	faceted	body	cut or pressed
022	TR	B (Bisso Tow Boat)	3	II		20 cmbs	40 cmbs			1	shell	personal clothing	button	4-hole	indeterminate	complete	eroded backing
023	TR	B (Bisso Tow Boat)	3	III		80 cmbs	100 cmbs			1	glass	architectural	window	2.54 mm	light aqua	fragment	
023	TR	B (Bisso Tow Boat)	3	III		80 cmbs	100 cmbs			1	glass	indeterminate	bottle	indeterminate	amber	body	flat panel with ".L.C."
023	TR	B (Bisso Tow Boat)	3	III		80 cmbs	100 cmbs			1	ceramic	food indeterminate	hard-paste porcelain	container	undecorated	body	small piece
024	TR	B (Bisso Tow Boat)	4	III		70 cmbs	100 cmbs			1	ceramic	food indeterminate	whiteware	container	undecorated	body	
024	TR	B (Bisso Tow Boat)	4	III		70 cmbs	100 cmbs			1	glass	indeterminate	bottle	indeterminate	colorless	body/base	machine-made

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024	TR	B (Bisso Tow Boat)		4	III		70 cmb	100 cmb		1	glass	indeterminate	container	indeterminate	colorless	body	mold line
025	TR	B (Bisso Tow Boat)		5	I		60 cmb	70 cmb		1	ceramic	food consumption	ironstone	plate	hand-painted	rim	purple & green lines around rim
025	TR	B (Bisso Tow Boat)		5	I		60 cmb	70 cmb		1	ceramic	indeterminate	hard-paste porcelain	indeterminate	undecorated	body	thick, probably utilitarian
025	TR	B (Bisso Tow Boat)		5	I		60 cmb	70 cmb		1	glass	indeterminate	indeterminate	indeterminate	burned	body	possibly milk glass; small
026	TR	B (Bisso Tow Boat)		6	I		30 cmb	40 cmb		1	ceramic	food consumption	ironstone	plate	undecorated	rim/base	
026	TR	B (Bisso Tow Boat)		6	I		30 cmb	40 cmb		1	ceramic	food consumption	whiteware	container	undecorated	rim	
026	TR	B (Bisso Tow Boat)		6	I		30 cmb	40 cmb		1	glass	indeterminate	container	indeterminate	colorless	body	
027	TR	B (Bisso Tow Boat)		6	II		80 cmb	90 cmb		4	aluminum	food consumption	pull-tab	beverage	indeterminate	complete	
028	GSC	B (Bisso Tow Boat)							Surface Collection	1	brick	architectural	stiff mud	machine-made	dark red	complete	heavy; "GRAVES/ BHAM, ALA"
028	GSC	B (Bisso Tow Boat)							Surface Collection	1	brick	architectural	stiff mud	machine-made	orange	fragment	"ST.", St. Joe
028	GSC	B (Bisso Tow Boat)							Surface Collection	1	brick	architectural	stiff mud	machine-made	grey	fragment	clear strike marks
028	GSC	B (Bisso Tow Boat)							Surface Collection	1	brick	architectural	stiff mud	indeterminate	grey	fragment	possibly "HOS." or "...SON"
029	GSC	A (The Fly)							Surface Collection	1	glass	indeterminate	bottle	indeterminate	amber	base	Owens-Illinois mark
030	GSC	A (The Fly)							Surface Collection	1	metal	furniture	basket	wire	plant	complete	for hanging
031	TR	A (Audubon Park)		1	I		40 cmb	50 cmb	Collected from backdirt	2	ceramic	indeterminate	hard-paste porcelain	indeterminate	undecorated	body	thick, probably utilitarian, refit
031	TR	A (Audubon Park)		1	I		40 cmb	50 cmb	Collected from backdirt	1	ceramic	architectural	tile	indeterminate	yellow-glaze	fragment	
031	TR	A (Audubon Park)		1	I		40 cmb	50 cmb	Collected from backdirt	1	ceramic	food indeterminate	whiteware	container	blue-glaze	body	indeterminate embossed design
031	TR	A (Audubon Park)		1	I		40 cmb	50 cmb	Collected from backdirt	1	glass	indeterminate	container	indeterminate	amber	body	
031	TR	A (Audubon Park)		1	I		40 cmb	50 cmb	Collected from backdirt	1	glass	indeterminate	container	indeterminate	colorless	rim	burned
031	TR	A (Audubon Park)		1	I		40 cmb	50 cmb	Collected from backdirt	1	metal	indeterminate	indeterminate	indeterminate	ring	complete	gold bits like brass over metal
032	TR	A (Audubon Park)		2	I		10 cmb	20 cmb		1	ceramic	indeterminate	hard-paste porcelain	container	undecorated	base	poss. Faint blue decoration
033	TR	A (Audubon Park)		2	I		20 cmb	30 cmb		1	ceramic	indeterminate	hard-paste porcelain	indeterminate	undecorated	body	thick, probably utilitarian
033	TR	A (Audubon Park)		2	I		20 cmb	30 cmb		1	glass	indeterminate	bottle	indeterminate	colorless	base	Owens-Illinois mark; w/ "...NS, LA"
033	TR	A (Audubon Park)		2	I		20 cmb	30 cmb		1	glass	indeterminate	bottle	indeterminate	colorless	base	machine-made; burned
034	TR	A (Audubon Park)		2	I		30 cmb	40 cmb		1	glass	food consumption	bottle	Coke	light green	body	"C." in script w/ "TRADE" & "MIN. C."
035	TR	A (Audubon Park)		2	I		50 cmb	60 cmb		1	glass	indeterminate	bottle	indeterminate	amber	base	machine-made; "G" in a circle
036	TR	A (Audubon Park)		2	I		60 cmb	70 cmb		1	ceramic	architectural	tile	domestic	green/white	fragment	green & white mosaic squares
037	TR	A (Audubon Park)		2	I		180 cmb	190 cmb		1	glass	indeterminate	bottle	indeterminate	amber	body	"KLE..."; Sure-Klean?
038	TR	A (Audubon Park)		3	I		0 cmb	20 cmb		1	glass	indeterminate	bottle	indeterminate	amber	base	machine-made; "WZ"; Owens scar
038	TR	A (Audubon Park)		3	I		0 cmb	20 cmb		1	glass	hygiene	bottle	Clorox	amber	base	Owens scar; textured sides

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FS	CM	Area	Transect	Trench	Strat	Level	Top E1	Bot E1	Additional Provenience	Ct	Material	Function	Type	Subtype	Additional Description	Portion	Comments
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	glass	indeterminate	bottle	indeterminate	amber	body	burned, indeterminate lettering
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	glass	indeterminate	bottle	indeterminate	amber	base	large, machine-made
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	glass	indeterminate	bottle	indeterminate	amber	body	
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			2	glass	indeterminate	container	indeterminate	colorless	body	
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			2	glass	indeterminate	indeterminate	indeterminate	milk glass	ind	large melted mass
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	glass	architectural	window	5.47 mm	light green	fragment	
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	glass	architectural	window	4.99 mm	light aqua	fragment	
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	ceramic	architectural	redware	pipe	indeterminate	fragment	
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	ceramic	architectural	tile	domestic	aqua-glaze	fragment	aqua glaze; ".N. U." on reverse
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	ceramic	indeterminate	hard-paste porcelain	indeterminate	undecorated	fragment	thick; probably utilitarian; rounded
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	ceramic	indeterminate	hard-paste porcelain	container	undecorated	base	larger bowl or plate
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			2	ceramic	food consumption	hard-paste porcelain	tea-cup	transfer-print	rim	blue landscape design; refit
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	ceramic	indeterminate	hard-paste porcelain	indeterminate	undecorated	base	small, like for a child's play set
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	ceramic	indeterminate	whiteware	indeterminate	blue-glaze	body	coarsely done
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	ceramic	indeterminate	refined earthenware	indeterminate	burned	body	small
038	TR	A (Audubon Park)		3	I	0 cms	20 cms			1	slate	architectural	roofing	indeterminate	N/A	fragment	
039	TR	A (Audubon Park)		3	I	20 cms	20 cms	Found @ 20 cm			brick	architecture	hard-paste	indeterminate	indeterminate	fragment	"COH(N or M)", with mortar remaining on one face
040	TR	A (Audubon Park)		3	I	20 cms	40 cms			1	slate	architectural	roofing	indeterminate	N/A	fragment	
040	TR	A (Audubon Park)		3	I	20 cms	40 cms			1	ferrous	construction hardware	nail	wire	indeterminate	complete	10.0 cm
040	TR	A (Audubon Park)		3	I	20 cms	40 cms			1	glass	indeterminate	bottle	indeterminate	amber	body	
040	TR	A (Audubon Park)		3	I	20 cms	40 cms			1	glass	architectural	window	5.85 mm	light aqua	fragment	
040	TR	A (Audubon Park)		3	I	20 cms	40 cms			1	glass	indeterminate	container	indeterminate	cobalt	body	
040	TR	A (Audubon Park)		3	I	20 cms	40 cms			1	glass	indeterminate	bottle	indeterminate	green	base	machine-made
041	TR	A (Audubon Park)		3	I	70 cms	80 cms			1	glass	indeterminate	stopper	indeterminate	colorless	complete	mold lines; large globe, like from a carafe or pharmacy bottle
041	TR	A (Audubon Park)		3	I	70 cms	80 cms			1	glass	indeterminate	bottle	indeterminate	colorless	complete	plastic lid; "W" in circle; Wheaton Co.
042	TR	A (Audubon Park)		3	II	160 cms	170 cms			1	ceramic	food indeterminate	whiteware	container	transfer-print	rim	blue diamond pattern
042	TR	A (Audubon Park)		3	II	160 cms	170 cms			1	glass	indeterminate domestic	jar	indeterminate	milk glass	body	probably threaded closure
042	TR	A (Audubon Park)		3	II	160 cms	170 cms			1	plastic	food consumption	popstick	popstick stick	blue	fragment	
043	TR	A (Audubon Park)		3	II	160 cms	170 cms			1	glass	food consumption	bottle	beverage	colorless	complete	machine-made; "607-3/7 FL. OZ. / L-G53" on base

APPENDIX II

STATE OF LOUISIANA SITE FORMS

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR181

OTHER SITE DESIGNATIONS: Locus CB-01

SITE LOCATION AND APPROACH:

The site area is situated on the batture side of the Broadway to Walnut New Levee, approximately 240 m (787.4 ft) south of the U.S. Army Corps of Engineers, New Orleans District headquarters and approximately 150 m (492 ft) west of Leake Road. The site area terminates within the extreme west-northwestern corner of the Audubon Park "Fly."

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776560, N 3313780

GEOGRAPHICAL COORDINATES: Long. -90° 08' 07.50" west, Lat 29° 55' 31.85" north

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Alluvial sedimentation

ELEVATION AND RELIEF: 1.8 to 3.6 m (6 to 12 ft) NVGD, with slope of 3-20 percent

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: level bankline on batture side of levee descending to exposed shoreline (difference of 1.8 m [6 ft]).

SOIL CHARACTERISTICS: Sharkey-Commerce Series: Prone to flooding, has moderately slow permeability, and shrinking and swelling of the subsoil. Fill material is often deposited to raise the surface above flood levels before they are utilized for urban uses.

FLORAL COMMUNITIES:

Oak forest floral assemblage including water oak (*Quercus nigra*), overcup oak (*Quercus lyrata*), cottonwood (*Populus deltoides*), sweetgum (*Liquidambar styraciflua*), various grasses (*Gramineae*) and sedges (*Cyperaceae*).

FAUNAL COMMUNITIES:

Historically this included white-tailed deer (*Odocoileus virginianus*), swamp rabbit (*Sylvilagus aquaticus*), black bear (*Ursus americanus*), gray fox (*Urocyon cinereoargenteus*), raccoon (*Procyon lotor*), long-tailed weasel (*Mustela frenata*), mink (*Mustela vison*), and bobcat (*Felis rufus*).

NEAREST KNOWN SITE: Sites 16OR96 and 16OR169

**STATE OF LOUISIANA
SITE RECORD FORM**

SITE DESCRIPTION

SITE DESCRIPTION: Site consists of a landfill deposit that has been modified in the past as well as present day. The site area was confined strictly to a narrow area that incorporated the 5-10 m (16 to 33 ft) of bankline before plunging over the bank to the lower exposed shoreline. Background research indicated that the extreme southern portion of the site area and was a portion of the city dump from 1931 to 1961, and local informants have related numerous incidences of dumping of fill to stabilize the bankline from the encroaching river. Excavations have confirmed the lack of intact stratigraphy and the inclusion of massive pieces of concrete, wood, and metal to build up the height of the ground. Also, the northern portion of the site often floods, hence much of the material here may have been brought in by the river.

SITE SIZE: The site measures approx. 23 m (75 ft) east/west by 770 m (2,526 ft) north/south.

CONFIGURATION: The site is linear or rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is _____, approximately _____ artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY:

Due to the nature of the fill deposits within the batture, and extreme disturbance, excavation within the site area only extended to at maximum depth of 2 m (6.6 ft).

FEATURES: None

DATING/CULTURAL AFFILIATION: Mid 1800s to late 1900s

PRESENT CONDITION/PRESERVATION: Portions are eroding into the Mississippi River/ heavily disturbed.

PRESENT USE: Commercial towing and marine salvage operations, and recreation as a public park (Audubon Park).

PRESENT AND FUTURE IMPACTS: Bankline revetment and erosion

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Fieldwork consisted of pedestrian survey, augmented by systematic auger testing (62 of 69 [90 percent]) throughout the entire length and width of proposed project item. In addition, systematic backhoe trenching (12 of 12 [100 percent]) was performed in areas that were clear of vegetation. A topographic map was made of the levee and the batture in the vicinity of the project area. In addition, an architectural review failed to identify any standing structures older than 50 years old. Temporally diagnostic cultural material was collected from surface and subsurface deposits.

DESCRIPTION OF MATERIAL: Collected: 7 aluminum cans or pull tabs, 1 Bakelite iron (1940-1960), 10 bricks (1901-present), 48 hist. ceramics (whiteware, porcelain, ironstone, tile, terracotta, drainage pipe, and yellowware), 22 misc. metal items (Masterlock keys [1924 to present], wire nails, watchband, and wire pail), 78 glass shards (medicine bottles, marbles, soda bottles [1934 to present], bleach bottles [1903 to present], and container glass), 1 Popsicle stick (late 1970-1980), 2 slate shingles, 1 steel spoon, 1 synthetic tile, 1 shell button. Noted but **NOT** collected: cement slabs, light bulb glass, brick, redware drain pipe, spike nails, electrical wire, metal pipes, a garden hose, rebar, candy bar wrappers, plastic, and rubber.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL:

Despite the collection of 172 artifacts, visual reconnaissance and/or subsurface testing of the proposed project area did not result in the identification of any significant cultural resources; i.e., the material represented temporally-diagnostic artifacts collected to sample the fill deposits throughout the Area of Potential Effect. The site area represents a cultural deposit that has been routinely modified throughout the past 100 years. As a result, there is no intact cultural stratigraphy or spatially separated activity areas, therefore, there is no research potential.

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: No additional testing or recordation.

RECORDS

OWNER/TENANT AND ADDRESS:

Site encompasses 4 properties, including portions of Audubon Park, Bisso Towboat Company, Inc., E.N. Bisso and Sons, Inc., and Bisso Marine Company, Inc. All four properties are situated on the batture side of the levee.

INFORMANTS: William A. Bisso, III; Rueben Dupre; and Bill Summers.

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: Site map is composed of 4 pages, each page depicting a portion of the examined site area. They can be matched together to form one long site map.

REFERENCES: R. Christopher Goodwin & Associates

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. _____

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____ Sharkey-Commerce Series

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____ associated with landfill and city dump

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefoncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) _____

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Backhoe Trenching

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Signif.
<u>ne</u> Not Eligible	<u>de</u> Declared Elig.	<u>nd</u> National Landmark

References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR189

OTHER SITE DESIGNATIONS: Shipwreck-01

SITE LOCATION AND APPROACH:

This submerged shipwreck is situated at approximate River Mile 102.36 near the east bank of the Mississippi River, and at a river depth that ranged from 9 to 23 m (29 to 71 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776490.0, N 3314116.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08090 west, Lat. 29.55428 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Alluvial sedimentation

ELEVATION AND RELIEF: river depth that ranged from 9 to 23 m (29 to 71 ft)

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 2 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Site 16OR189 consists of a submerged shipwreck that may potentially be the Addison E. Bullard. Analysis of the previously recorded remote sensing data indicated that Shipwreck #1 consisted of a wooden sailing craft that measured approximately 61 to 64 m (200 to 210 ft) in length with a beam of 12 to 15 m (40 to 50 ft). Currently, the vessel is listing over on its port side and it is positioned diagonally across the submerged riverbank with the stern down river in deeper water. At port midships, and running forward, is a large area of damage suggestive of a collision event; this could account for the list to port on the riverbed. In addition, the multi-beam and sidescan sonar data depicts considerable damage to the bow; i.e., a line of pilings were set in the river parallel to the bank at some point in the past, and a number of these pilings were driven through the bow of the schooner. Additional investigation indicated that the vessel's deck was missing suggesting that the deck and bow of the schooner may have been cleared in order to facilitate the passage of a work barge during piling placement; thus, no deck structures or equipment were identified. The schooner Addison E. Bullard was built in the Carleton, Norwood & Co. shipyards of Rockport, Maine; it was launched on November 10, 1904. The schooner was involved in the Gulf trade, traveling from New Orleans to Oporto, Portugal, before being purchased by the Bisso family. This investigation was unable to determine when the ship sank.

SITE SIZE: The site measures approx. 61 to 64 m (200 to 210 ft) in length with a beam of 12 to 15 m (40 to 50 ft).

CONFIGURATION: The site is linear in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is NA, approximately NA artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: N/A

DATING/CULTURAL AFFILIATION: 1904 to late twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews. Fieldwork consisted of diver investigation relating to the use of an acoustic camera.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Shipwreck #1 was identified as the early twentieth century schooner, the Addison E. Bullard. This investigation was unable to determine when the ship sank. This ship, despite intensive investigation of historical documents and records, has not been associated with a significant historical event or person. In addition, the Addison E. Bullard is one of many schooners built in Maine at the turn of the century, and as such, it is a common ship of its type that has been well documented. As a result, the shipwreck lacks research potential. Thus, the Addison E. Bullard has been assessed as not significant applying the National Register of Historic Places criteria of evaluation (36 CFR 60.4 [a-d]). No additional survey or historical research is recommended.

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: No additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR189

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefoncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Afrm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____ 1904 to late twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) _____ schooner involved in Gulf trade

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>shf</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricltr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

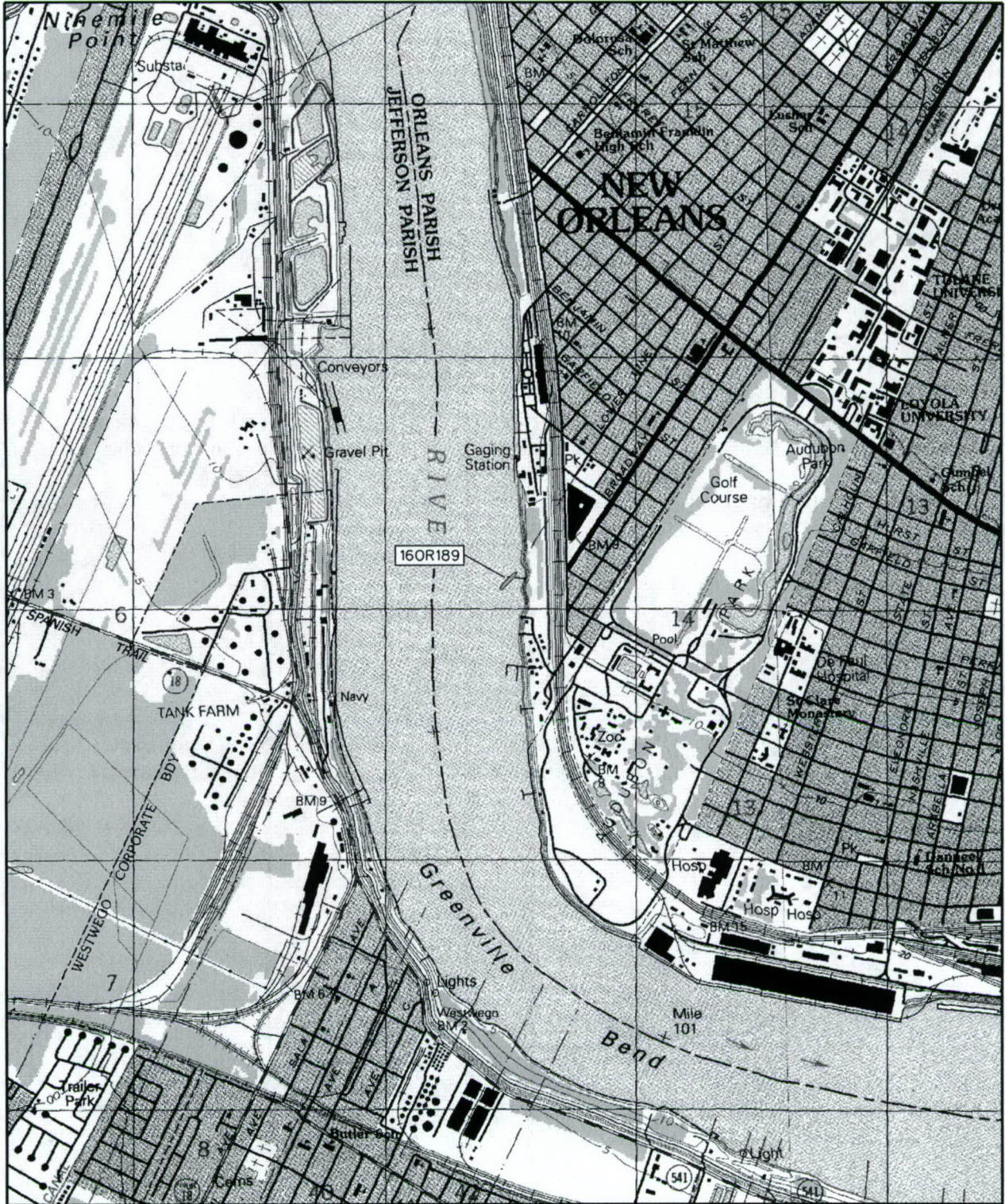
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

References (4 Entries)

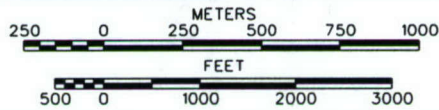
1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR189

QUAD MAPS:
NEW ORLEANS WEST. LA
NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR190

OTHER SITE DESIGNATIONS: Shipwreck-02

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 102.36; the water depth ranged from 9 to 13 m (31 to 43 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776523.0, N 3314103.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08083 west, Lat. 29.55423 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: water depth that ranged from 9 to 13 m (31 to 43 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1, 3 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Site 16OR190 consists of a submerged shipwreck that may potentially be the *Gouldsboro/Chickasaw*. It was an ironclad warship in 1863 and it later served as a railcar ferry and deck barge well into the 1950s before sinking in the Mississippi River; however, an exact date of the vessel's loss has not been determined. Analysis of the remote sensing data indicated that Shipwreck #2 measured approximately 49 m (160 ft) in length with a beam of 14.6 m (48 ft). Sidescan sonar data exhibits significant damage to the vessel associated with the apparent collapse of the deck. The diver identified an iron hull and located a number of brackets that supported a propeller shaft. Some decking was identified but large missing sections exposed the iron deck beams that were spaced at intervals of approximately 0.6 m (2 ft). Portions of the wood planking, however, still overlay the iron deck plate. The *Gouldsboro* was a railroad ferry that was converted from the Union Navy's *Chickasaw* after the Civil War. The results of the dives and camera work on this vessel indicate that while the *Chickasaw/Gouldsboro* underwent substantial rebuilding, including the removal of all turrets and deck structures, and a later conversion to a side-wheel propulsion system. The hull and stern, however, was unaltered.

SITE SIZE: The site measures approx. 49 m (160 ft) in length with a beam of 14.6 m (48 ft).

CONFIGURATION: The site is linear in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: 1863 to late 1900s

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews. Fieldwork consisted of diver investigation relating to the use of an acoustic camera.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: The *Chickasaw*, and the other vessels of the Milwaukee class, twin turret monitors, represent the height of the evolution of the monitor ironclads during Civil War period. These vessels were an important developmental step that led directly away from the combination of sail power and wooden hulls, to complete dependence on steam power and iron hulls. The *Chickasaw* was one of four Milwaukee class, twin turret monitors designed by James B. Eads, a self taught engineer who is purported to be one of the top five engineers of all time; therefore, the *Chickasaw* may be considered the work of a master. Though a good deal of the *Chickasaw*'s original structure has been removed and/or modified, some elements remain intact. For example, the four brackets and stuffing boxes located in the stern of the vessel are still extant. The surviving integrity of this feature, and the fact that the *Chickasaw* is the last of only four Milwaukee class, twin turret monitors, makes it of considerable importance. Although it was refit subsequently for use as a railcar ferry, it should be considered significant under all four of the National Register criteria (a-d).

STATE OR NATIONAL REGISTER ELIGIBILITY: Significant

RECOMMENDATIONS: It is recommended that mitigation efforts be designed for this undertaking that focus on a combination of additional archival and documentary research and public interpretation of the vessel; i.e., additional historical background research regarding the *USS Chickasaw* and the Milwaukee class twin turret monitors is recommended. Alternately, physical documentation of the surviving original four propeller brackets and stuffing boxes, as well as any hull plate dimensions and fastening details in that area would aid in mitigating the potential effects of the proposed revetment project.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR190

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Afrm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) 1863 to late twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) Civil War ironclad warship converted to railcar ferry

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>ew</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

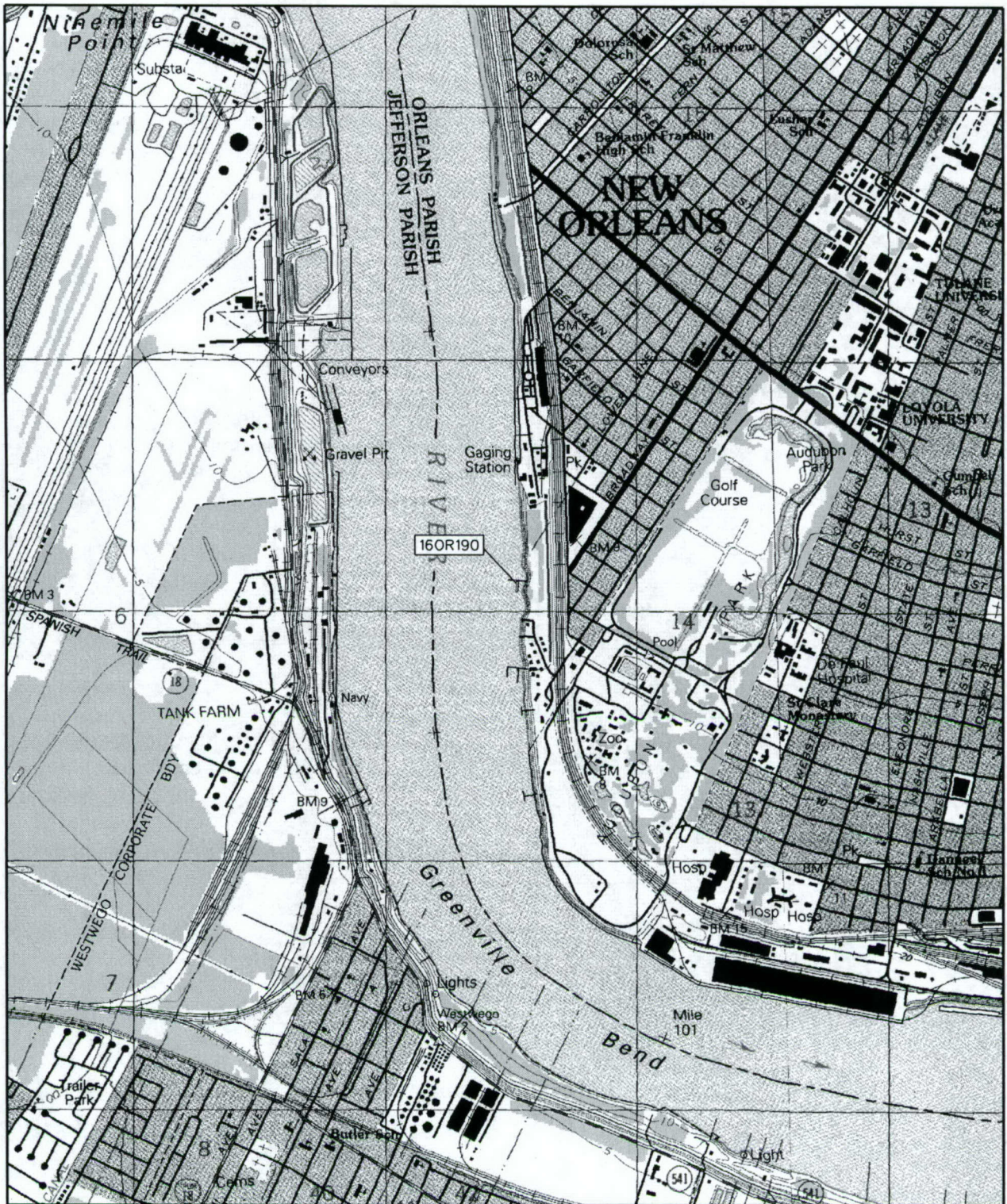
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

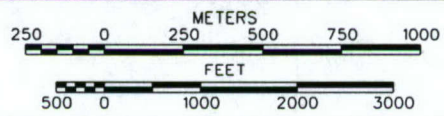
References (4 Entries)


1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR190
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR191

OTHER SITE DESIGNATIONS: Shipwreck-03

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 102.34, at a river depth that ranged from 20.4 to 31 m (67 to 102 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776469.0, N 3314061.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08103 west, Lat. 29.55407 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 20.4 to 31 m (67 to 102 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 2, 4 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Site 16OR191 consists of a submerged shipwreck that may potentially be the derrick barge *Boaz*. Construction and or launching date for the *Boaz* could not be determined, however, the earliest mention of the vessel is its enrollment in New Orleans on July 14, 1938. The vessel apparently came into the possession of the New Orleans Coal & Bisso Towboat Company no later than 1950. The *Boaz* was a steam-powered derrick with a narrow smokestack and elevated enclosure above the deckhouse. This *Boaz* was one of four derrick barges involved in the 1964 salvage of the City class Union gunboat *Cairo*, one of the earliest underwater archaeology/interpretation/salvage efforts carried out in the United States. The *Boaz* was sunk during a collision with the French flagged tanker *Sitala* on July 28, 1977.

SITE SIZE: The site measures approx. 30.5 m (100 ft), with a beam of 15.3 m (50 ft).

CONFIGURATION: The site is linear in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Early twentieth century to 1977

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: The *Boaz* fits into a historical theme of marine salvage, construction, and laboring vessels that serviced the city and port of New Orleans and facilitated in the construction and maintenance of the New Orleans waterfront. Though the *Boaz* participated in the historic 1964 salvage of the Union City class ironclad gunboat *Cairo* on the Yazoo River, Mississippi, the survival and continuing service of Bisso Marine Inc.'s derrick barge *Cairo*, which also took part in the salvage, negates the *Boaz's* eligibility under Criterion A of the National Register of Historic Places (36 CFR 60.4 [a-d]). In addition, despite investigation of historical documents and records, the *Boaz* (Shipwreck #3) has not been associated with a person of significant historical interest. Finally, since there were many examples of derrick barges of this particular period, some which remain in service today, and a great deal is known about their construction and machinery the *Boaz* lacks research potential. Thus, the *Boaz* has been assessed as not significant applying the National Register of Historic Places criteria of evaluation (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: No additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR191

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefoncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) early twentieth century to 1977

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) derrick barge dealing with marine salvage

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

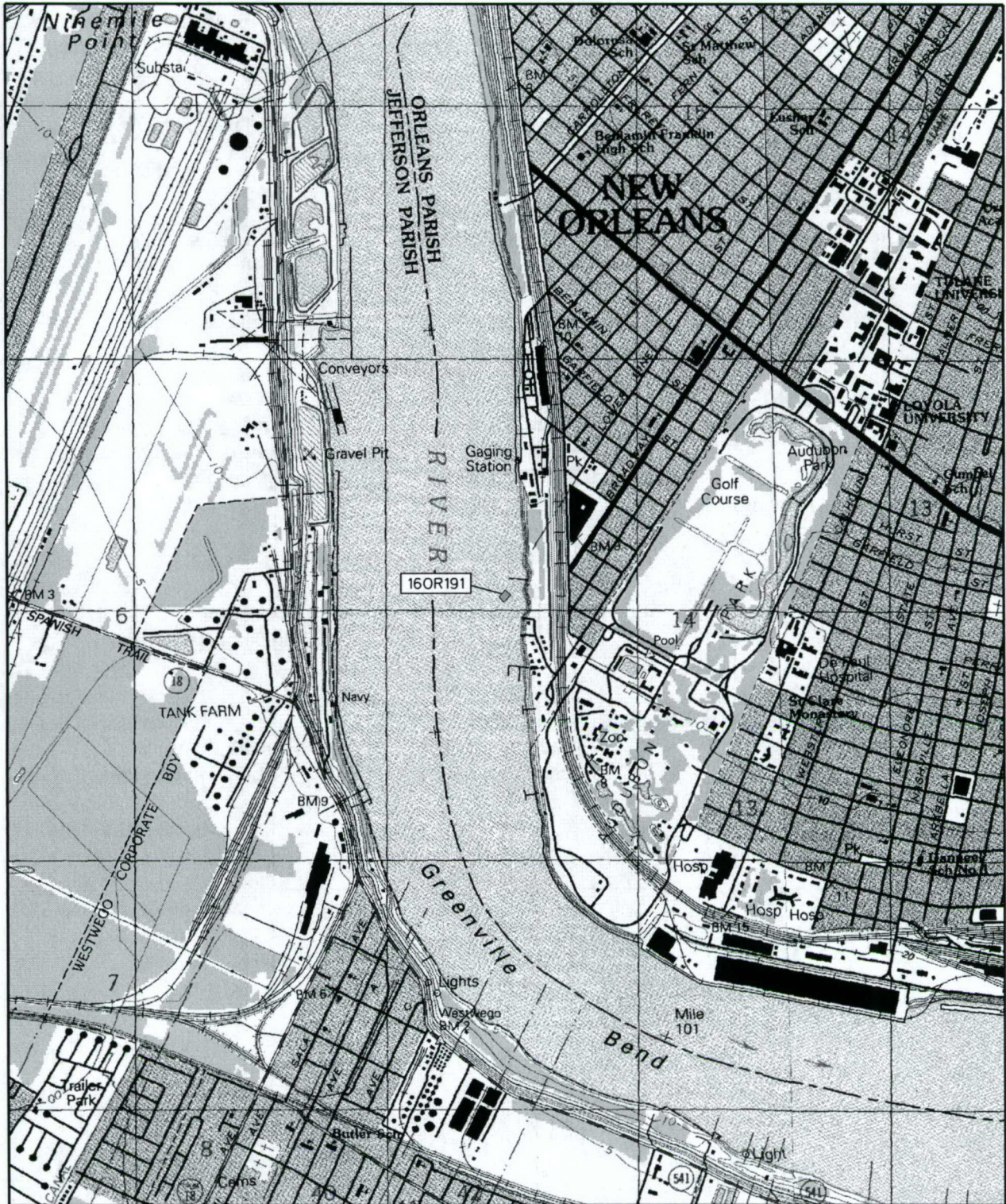
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

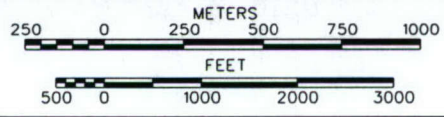
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR191
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR192

OTHER SITE DESIGNATIONS: Shipwreck-04

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 102.33, at a river depth that ranged from 7 to 15 m (23 to 49 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776518.0, N 3314060.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08086 west, Lat. 29.55404 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 7 to 15 m (23 to 49 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 3, 5 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Site 16OR192 consists of a submerged shipwreck that may potentially be one of three tugs, the *Rooster*, *Napoleon*, and *Samson*, that were reported lost in the study area. Photographic analysis and historic documentation confirm that these vessels had approximately similar dimensions to those recorded during the remote sensing survey. All three of these vessels sank during a hurricane sometime in the 1970s. The tugboat *Rooster* was the property of E.N. Bisso and Son, Inc., a commercial tugboat company that was started in the 1940s; no additional information was recovered. The tugboat, *Napoleon*, was built of iron in 1943 and was part of the Bisso fleet as early as 1952 when it was operated by one of the subsidiary companies, i.e., Victory Towing Company. The *Samson* was constructed of iron and built in 1881 in the shipyards of Camden, New Jersey; it came to New Orleans via Galveston, Texas. It was purchased and equipped by the Board of Commissioners of the Port of New Orleans as the most up to date fireboat capable of fighting fires on waterfront wharves as well as ships.

SITE SIZE: The site measures approx. 15 to 20 m (50 to 66 ft) in length, with a beam of 4.6 to 5.5 m (15 to 18 ft).

CONFIGURATION: The site is linear in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: This craft has been identified as a tugboat, likely constructed at the turn of the twentieth century, however, this shipwreck has not been associated with any particular craft. Remote sensing indicates a lack of integrity, and the fact that numerous, better examples of tugboats are extant or have been documented elsewhere. Shipwreck #4 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR192

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	pse Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____ twentieth century to ca. 1970

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) possible towboat

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

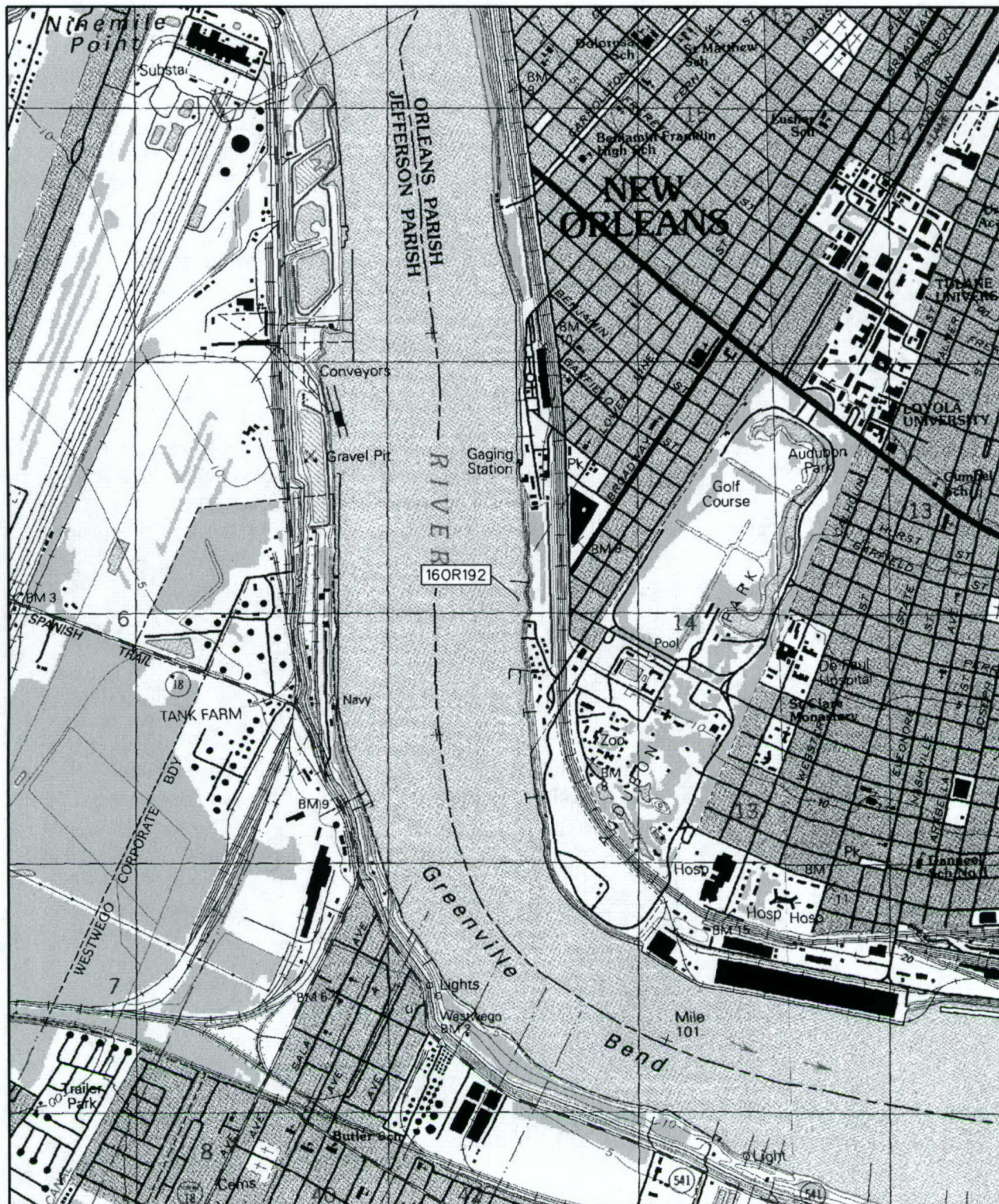
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



<p>16OR192</p> <p>QUAD MAPS: NEW ORLEANS WEST. LA NEW ORLEANS EAST. LA</p>	<p>N</p> <p>METERS 250 0 250 500 750 1000</p> <p>FEET 500 0 1000 2000 3000</p>	<p>SHIPWRECK</p>
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STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR193

OTHER SITE DESIGNATIONS: Shipwreck-05

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 102.29, at a river depth that ranged from 21 to 29 m (70 to 96 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776473.0, N 3313987.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08103 west, Lat. 29.55382 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: At a river depth that ranged from 21 to 29 m (70 to 96 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:
Not applicable.

FAUNAL COMMUNITIES:
Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 4, 6 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Analysis of the remote sensing data depicting Shipwreck #5 indicated that it is situated below a second vessels, thus, masking the total length of the vessel; this stacking of vessels may be affecting the beam width due to hull collapse. Sidescan sonar images depict the possible remains of a derrick and support structure. Based upon the sidescan sonar image, oral interviews, and historical data, this vessel is tentatively identified as the twentieth century derrick barge *Ajax* that sank in the project area at an unspecified date. The *Ajax* was a steel derrick barge engaged in salvage and lifting. It is not known when the New Orleans Coal and Bisso Towboat Company purchased the *Ajax*, although it could not be any later than 1962. In 1964, the *Ajax* was one of four Bisso Marine, Inc., derrick barges used to salvage the *Cairo*; i.e., one of a number of Union City class ironclad river gunboats that sank during the Civil War.

SITE SIZE: The site measures approx. 22.9 to 29 m (75 to 96 ft) long with a beam that ranged from 14.6 to 16.8 m (48 to 55 ft).

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, and no cultural materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: 1900s

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: The *Ajax* participated in the in 1964 salvage of the historic Union City class ironclad gunboat, the *Cairo*, on the Yazoo River, Mississippi. Similar tug construction and the fact that the *Cairo*, another local derrick barge that took part in the 1964 Union gunboat salvage operation, is still in service today are easily available examples of this vessel type. The *Ajax* was one of many derrick barges built whose working history is tied to the Mississippi and other western rivers; this is a common vessel type that remain in service and are well documented. Finally, the *Ajax* (Shipwreck #5) has not been associated with a person of significant historical interest. As a result, the *Ajax* lacks research potential. Thus, Shipwreck #5 has been assessed as not significant applying the National Register of Historic Places criteria of evaluation (36 CFR 60.4 [a-d]). No additional survey or historical research is recommended.

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: No additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR193

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) derrick barge

STATE OF LOUISIANA
SITE RECORD FORM

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

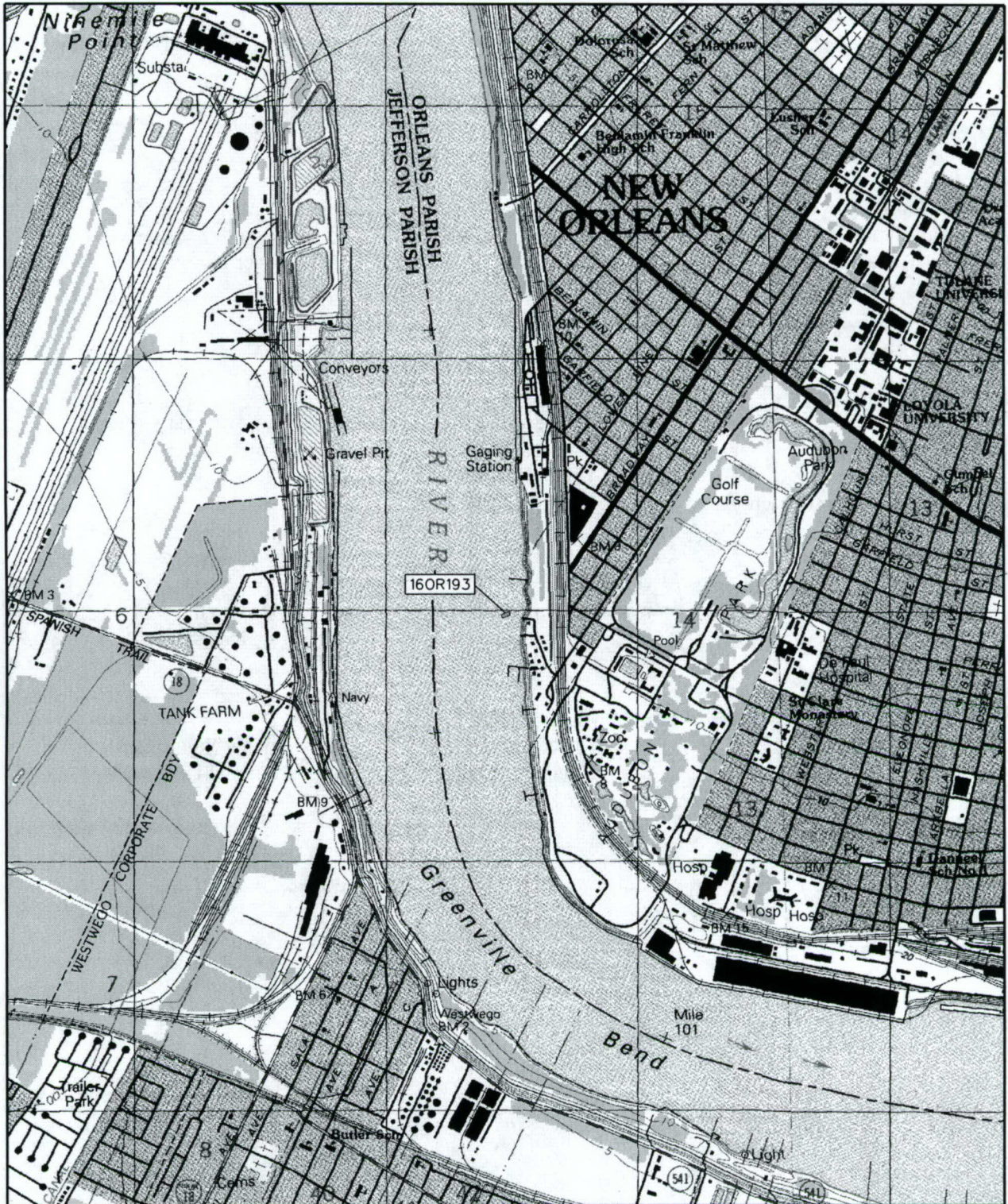
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

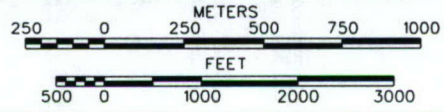
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR193
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR194

OTHER SITE DESIGNATIONS: Shipwreck-06

SITE LOCATION AND APPROACH:

Shipwreck #6 lies at approximate River Mile 102.27 on the left descending bank of the Mississippi River, at a river depth that ranged from 26 to 31 m (86 to 101 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776455.0, N 3313958.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08107 west, Lat. 29.55374 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 26 to 31 m (86 to 101 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 5, 6 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Shipwreck #6 is located with its bow lying over Shipwreck #5 at a 90° angle. Oral history, and some documentation, has indicated that a former World War II era naval patrol craft was lost in this immediate vicinity within the study area. Despite intensive research, this investigation failed to recover detailed information concerning the name of this former, ca. 1940s navy patrol craft and its past history. Furthermore, it is not known when the Bisso family purchased the vessel. The vessel, however, was purchased for the engines, which were installed in a company tug during a rebuild. The navy patrol craft reportedly sank in the project area post 1970.

SITE SIZE: The site measures approx. 48.8 to 54.8 m (160 to 180 ft) in length with a beam of 6 to 9 m (20 to 30 ft).

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: ca 1940 to 1970

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Shipwreck #6 was identified as a World War II era navy patrol vessel. Remote sensing indicates a lack of integrity in the vessel's remains. In addition, research is limited due to the examples of extant vessels of this type and period that have been documented elsewhere. Shipwreck #6 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d])

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR194

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) ca 1940 - 1970

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) unknown WWII navy patrol boat

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR195

OTHER SITE DESIGNATIONS: Shipwreck-07

SITE LOCATION AND APPROACH:

Shipwreck #7 is positioned south of the main pier facility of Bisso Marine, Inc., at a river depth that ranged from 12.5 to 21.6 m (41 to 71 ft). It is situated near the east bank of the Mississippi River located at approximate River Mile 102.20.

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776471.0, N 3313855.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08102 west, Lat. 29.55341 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 12.5 to 21.6 m (41 to 71 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 7, 8 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Oral history and similarity in vessel dimensions suggest that Shipwreck #7 may represent the remains E.N.B. Barge 535. This craft was steel barge built in 1925; it transported miscellaneous cargo for E.N. Bisso & Son as early as 1959. In addition, analysis of the remote sensing data indicated a small, submerged work barge that measured approximately 9 x 6 m (30 x 20 ft) in size was located on its deck. E.N.B. Barge 535 has a raked bow and possibly stern as well. This was one of two barges sunk in the marine accident involving the French flagged tanker Sitala on July 28, 1977.

SITE SIZE: The site measures approx. 67 to 70 m (220 to 230 ft) in length with a beam of 12.2 m (40 ft).

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: 1925 to 1977

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: This barge is one example of numerous barges that remain in service today either for transport or as storage and it lacks research potential. Finally, the Shipwreck #7 has not been associated with a person of significant historical interest. Thus, it has been assessed as not significant applying the National Register of Historic Places criteria of evaluation (36 CFR 60.4 [a-d]). No additional survey or historical research is recommended.

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: No additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR195

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) 1925 to 1977

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) steel cargo barge

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: _____ Historical research and interviews _____

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

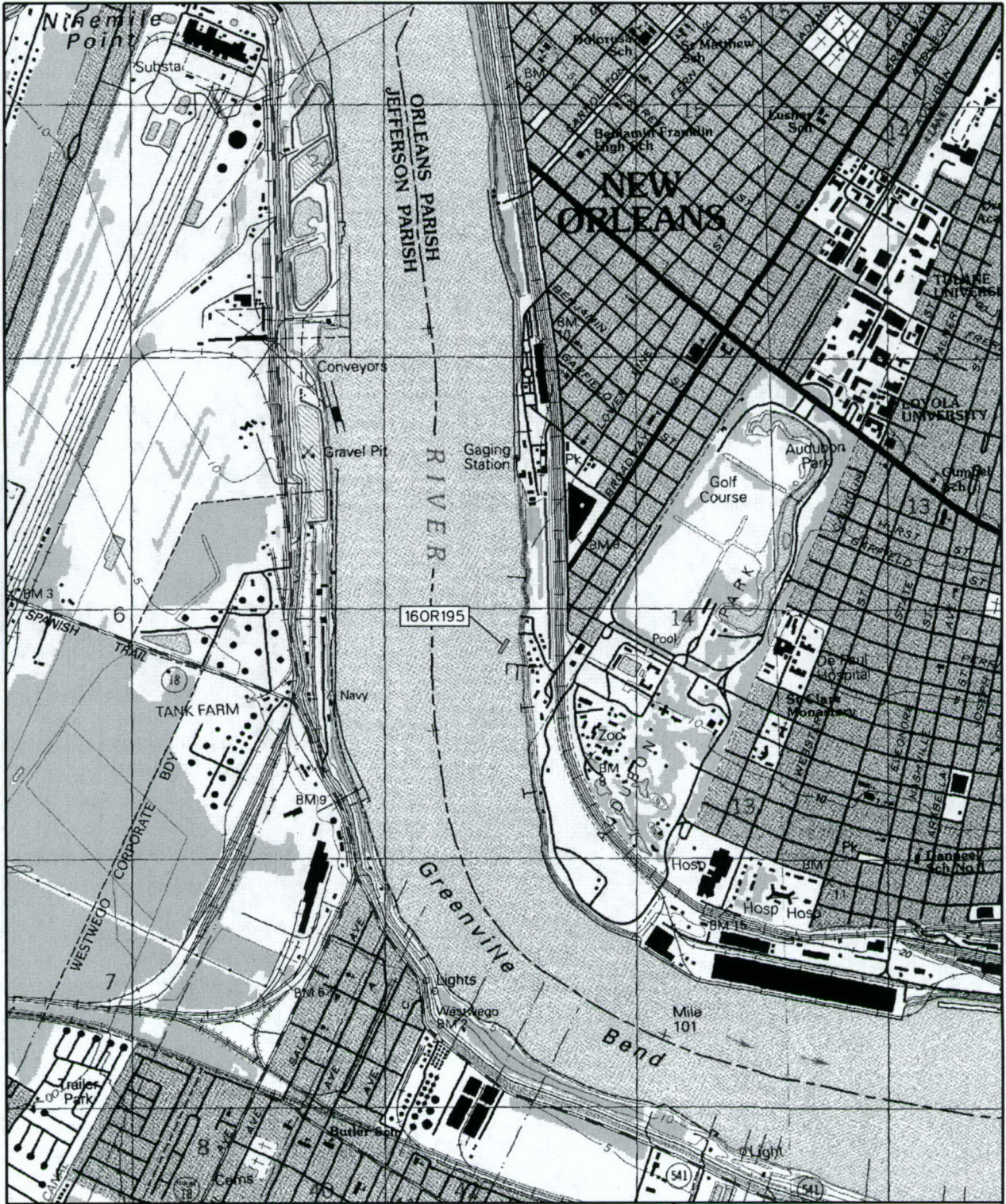
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

References (4 Entries)

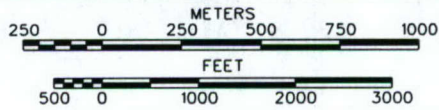
1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR195

QUAD MAPS:
NEW ORLEANS WEST. LA
NEW ORLEANS EAST. LA



SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR196

OTHER SITE DESIGNATIONS: Shipwreck-08

SITE LOCATION AND APPROACH:

Lying at a river depth of 21.6 to 22.6 m (71 to 74 ft), this vessel is positioned at approximate River Mile 102.20 on the left descending bank of the Mississippi River.

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776448.0, N 3313862.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08111 west, Lat. 29.55343 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth of 21.6 to 22.6 m (71 to 74 ft)

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 8, 9 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Due to the incompatible remote sensing data, the shape and type of vessel could not be determined for Shipwreck #8; however, three wrecks that were reported lost in the project area, consisting of the *Boswell*, *Eclipse*, and the *John S. Lanier*, had approximately similar dimensions to those recorded during the remote sensing survey. The *Boswell* was a single screw propeller steam tug, originally built as an outside, or ocean going, hawser tug that later was converted for service on inland rivers by Federal Barge Lines, Inc. The tugboat was built in Camden, New Jersey around 1890 and it was constructed of riveted charcoal iron. The coaling barge *Eclipse*, also known as a transfer, was built ca. 1925. Operated by the New Orleans Coal and Bisso Towboat Co. as late as 1950 for transporting coal; however, by 1959 it was engaged in salvage and lifting. Despite intensive research, this investigation could not determine when the water barge *John S. Lanier* was constructed; however, this craft was used to convey fresh water to vessels operating on the river or preparing for an ocean voyage.

SITE SIZE: The site measures approx. 36 to 36.6 m (118 to 120 ft) in length by 6 to 7.6 m (20 to 25 ft) in width.

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected and the depth of deposits was not determined.

FEATURES: None

DATING/CULTURAL AFFILIATION: Late nineteenth to twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: There has been no identified shipwreck clearly associated with this craft; however, remote sensing indicates a lack of structural integrity, and numerous, better examples of extant tugboats and barges have been documented elsewhere. Shipwreck #8 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: None.

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR196

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____ late nineteenth to twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) possible towboat or barge

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sh</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

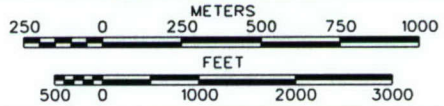
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR196
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR197

OTHER SITE DESIGNATIONS: Shipwreck-09

SITE LOCATION AND APPROACH:

Shipwreck #9 is positioned just north of the main pier facility of E.N. Bisso and Son, Inc., at a river depth that ranged from 19.5 to 31 m (64 to 102 ft). The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 102.20.

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776434.0, N 3313854.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08112 west, Lat. 29.55344 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 19.5 to 31 m (64 to 102 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 8, 10 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: The stacking of the two vessels (i.e., Shipwrecks #8 and #9), however, has caused deformation to Shipwreck #9 by sinking and stacking. Based upon the measurements and oral history, this vessel may be associated with either an unnamed New York ferry, or an unnamed tank barge that sank in 1977; both vessels were reported lost within the project area. This investigation failed to identify the name, date of construction, or actual dimensions of either of these vessels; however, they had approximately similar dimensions to those recorded during the remote sensing survey.

SITE SIZE: The site measures approx. 39.6 m (130 ft) in length with a beam of approximately 9.1 to 12.2 m (30 to 40 ft).

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: ca. twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Due to the stacking of vessels at this locality, the shape and type of vessel could not be determined for Shipwreck #9. Furthermore, since there are two vessels that roughly fit the dimensions of the wreck, no positive identification can be made. Remote sensing indicates a lack of integrity, therefore, Shipwreck #9 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR197

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) possible barge or ferry

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sh</u> Shovel Testing	<u>exc</u> Excavation	

Other: _____ Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

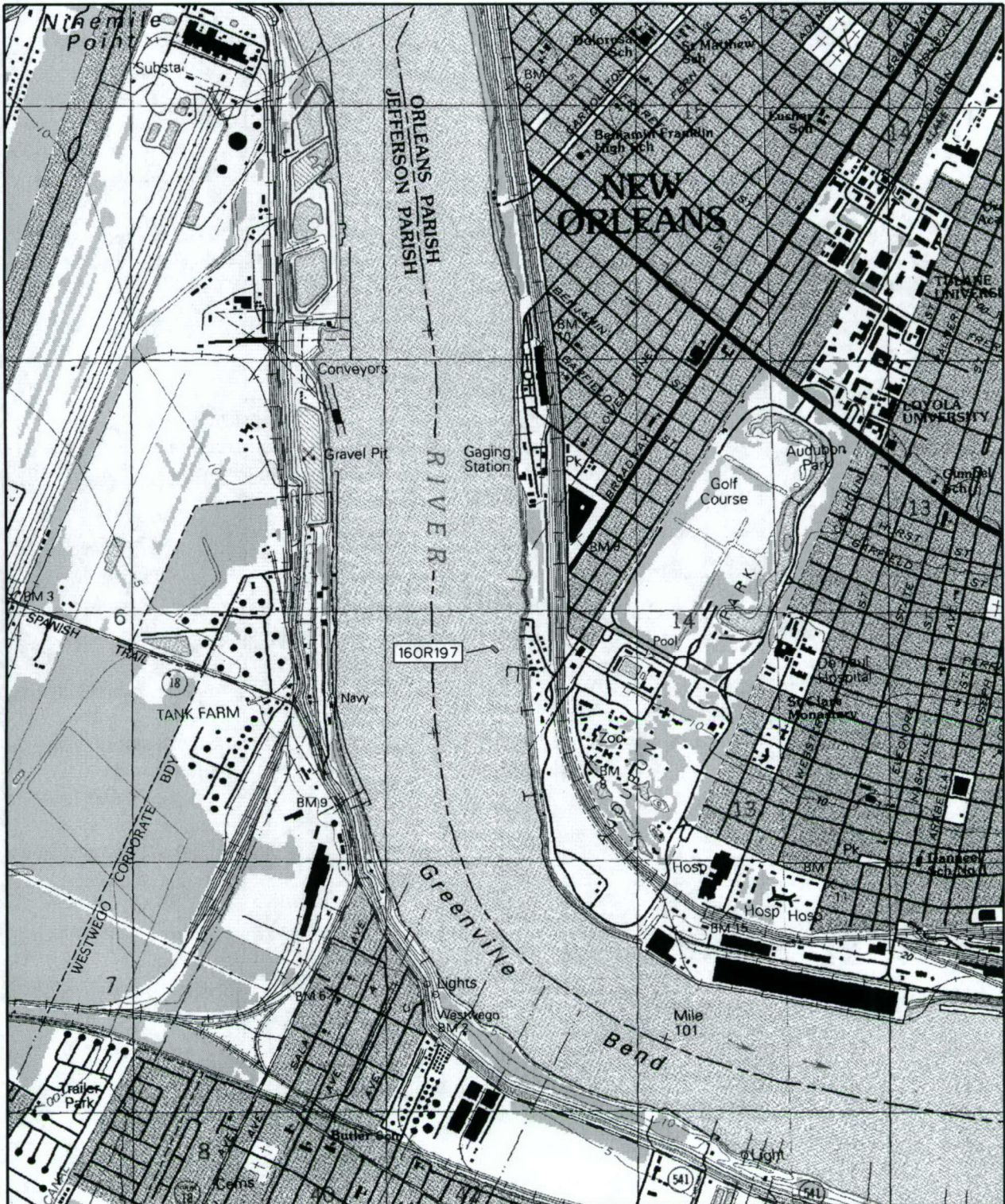
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

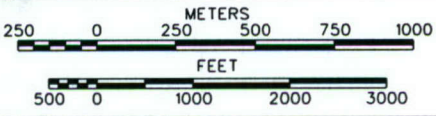
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR197
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR198

OTHER SITE DESIGNATIONS: Shipwreck-10

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 102.18, at a river depth that ranged from 23.5 to 32 m (77 to 105 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776441.0, N 3313816.0 (NAD 83)

GEOGRAPHICAL COORDINATES: Long. 90.08117 west, Lat. 2955330 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 23.5 to 32 m (77 to 105 ft)

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 9, 11 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Based upon the available data, this wreck does not fit any of the known wrecks. The wreck's position and depth of burial, i.e., the stacking of vessels (Shipwrecks #6 - 10) in the immediate vicinity, suggests that Shipwreck #10 represents an older, unknown vessel then those reported in the study area by William A. Bisso, III. Another possibility may be that the recorded measurements might reflect a hull collapse resulting mismatched dimensions.

SITE SIZE: The site measures approx. 24.4 m (80 ft) in length and 9.1 to 12.2 m (30 to 40 ft) in width.

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Possible late nineteenth to twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Due to the proximity of the other vessels and the poor towfish geometry, no clear sidescan sonar data was recorded. In addition, no shipwreck has been clearly associated with this craft. Remote sensing indicates a lack of integrity, therefore, Shipwreck #10 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR198

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	pse Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) late nineteenth to twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) Unknown

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

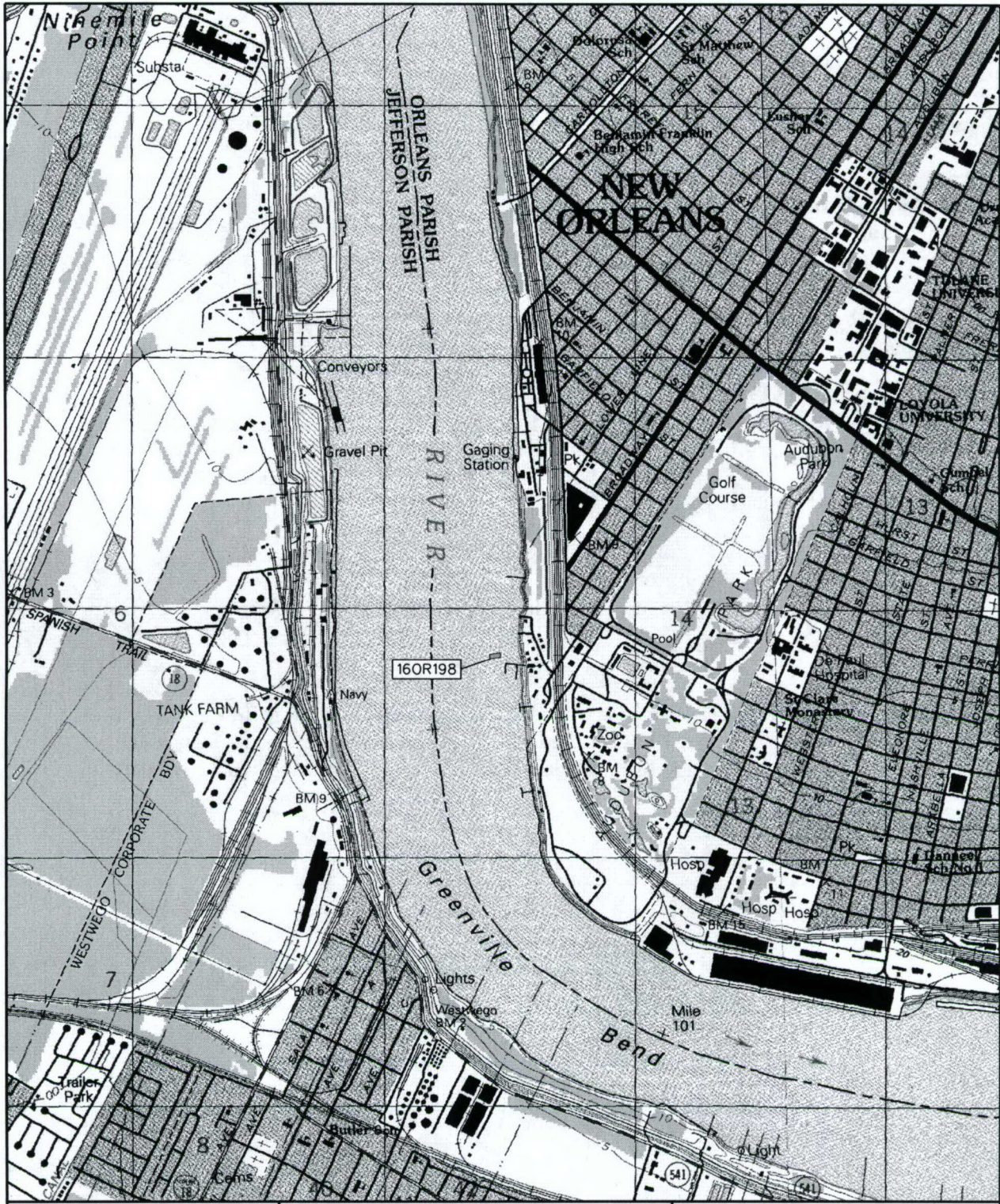
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

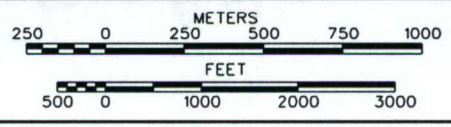
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR198
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR199

OTHER SITE DESIGNATIONS: Shipwreck-11

SITE LOCATION AND APPROACH:

Shipwreck #11 is located in the center of the study area, just south of Shipwreck #7, at a river depth of 15.8 m (52 ft). The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 102.12.

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776479.0, N 3313717.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08099 west, Lat. 29.55299 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth of 15.8 m (52 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 10, 12 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Based upon the multi-beam image and historical data, this vessel is tentatively identified as the ferry *A.M. Halliday*. The *A.M. Halliday* was a steel vehicle ferry built in 1903 at Jeffersonville, Indiana and present in the City of New Orleans by 1905. Historical documents indicate that upper deck of this ferry was destroyed during a hurricane on September 29, 1917. The *A. M. Halliday* was characterized as single decked, coal burning "steam catamarin," with 450 horsepower with a plain head, a round stern, and no masts. This investigation was unable to determine when and for what reason the ship sank.

SITE SIZE: The site measures approx. 36.6 m (120 ft) in length with a total beam distance of 18.3 (60 ft).

CONFIGURATION: The site is rectangular or linear in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is NA, approximately NA artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected and the depth of deposits was not determined.

FEATURES: None

DATING/CULTURAL AFFILIATION: 1903 to unknown

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: The *A.M. Halliday* became a bridge for people and ideas between the communities located on the banks of the Mississippi River throughout the early twentieth century. The *A.M. Halliday*, along with the *Algiers*, were two catamaran ferries that traveled from Canal Street to Algiers during the early twentieth century; therefore, it is one of a number of catamaran ferries that operated in New Orleans at the turn of the twentieth century. Catamaran ferries appear to a relatively rare phenomenon, possibly localized in the lower Mississippi River. The *A.M. Halliday* has also the potential to provide valuable information concerning construction, use, or activity associated with catamaran ferries, which are relatively unknown and have not been well documented. Therefore, the *A. M. Halliday* has the potential to yield data that would further our understanding of this type of craft. Thus, Shipwreck #11 has been assessed as potentially significant applying the National Register of Historic Places criteria of evaluation (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Potentially Significant

RECOMMENDATIONS: It is recommended that mitigation efforts be designed for this undertaking that focus on a combination of additional archival and documentary research and public interpretation of the vessel. Additional historical background research regarding the *A.M. Halliday* and catamaran ferries is recommended to determine if this vessel represents a unique craft that was localized to the Mississippi River, with an equally important place in the development of riverine transportation for New Orleans.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR199

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____ 1903 to unknown

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) catamaran auto ferry

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

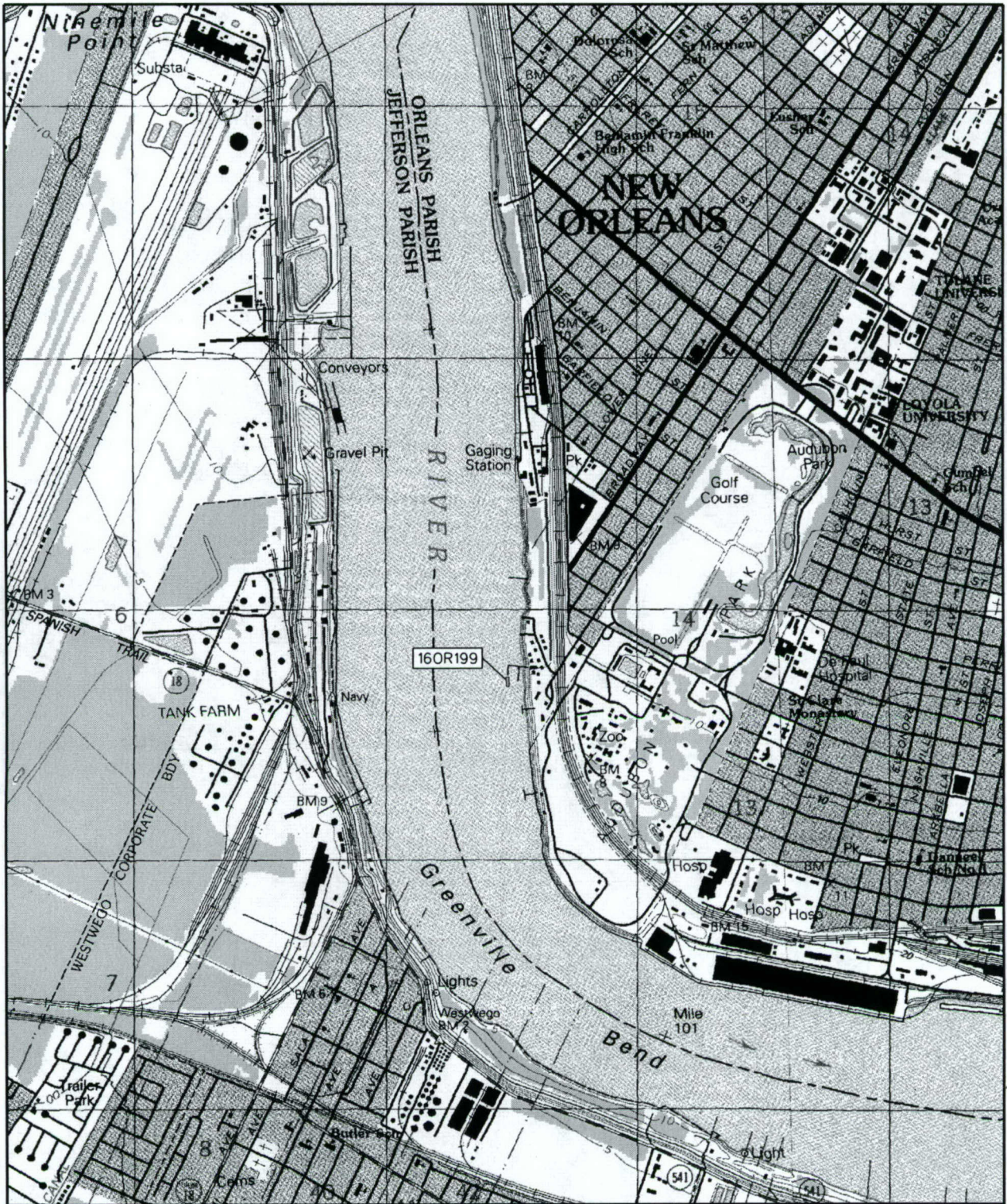
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

References (4 Entries)

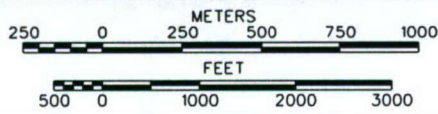
1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



160R199

QUAD MAPS:
NEW ORLEANS WEST. LA
NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR200

OTHER SITE DESIGNATIONS: Shipwreck-12

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 102.03, at a river depth that ranged from 13.4 to 18 m (44 to 59 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776489.0, N 3313572.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08098 west, Lat. 29.55251 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 13.4 to 18 m (44 to 59 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:
Not applicable.

FAUNAL COMMUNITIES:
Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 11, 13 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Analysis of the remote sensing data indicated a collapse of a portion of the vessel's hull. Based upon the available data, however, this wreck does not fit any of the wrecks known to have sunk in the project area; therefore, no identification has been made.

SITE SIZE: The multi-beam data, the recorded dimensions of this wreck measured approximately 61 m (200 ft) in length with a beam of 12.2 m (40 ft). The sidescan data, however, indicated that the dimension of Shipwreck #12 measured approximately 60.3 to 64 m (198 to 210 ft) in length with a beam of 10.7 to 12.2 m (35 to 40 ft).

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Possible late nineteenth to twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

**STATE OF LOUISIANA
SITE RECORD FORM**

SITE EVALUATION

RESEARCH POTENTIAL: There are no reported vessels lost in the study area that match the recorded measurements of Shipwreck #12, therefore no identification has been made. Remote sensing indicates a lack of integrity, therefore, Shipwreck #12 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR200

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) late nineteenth to twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) Unknown

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

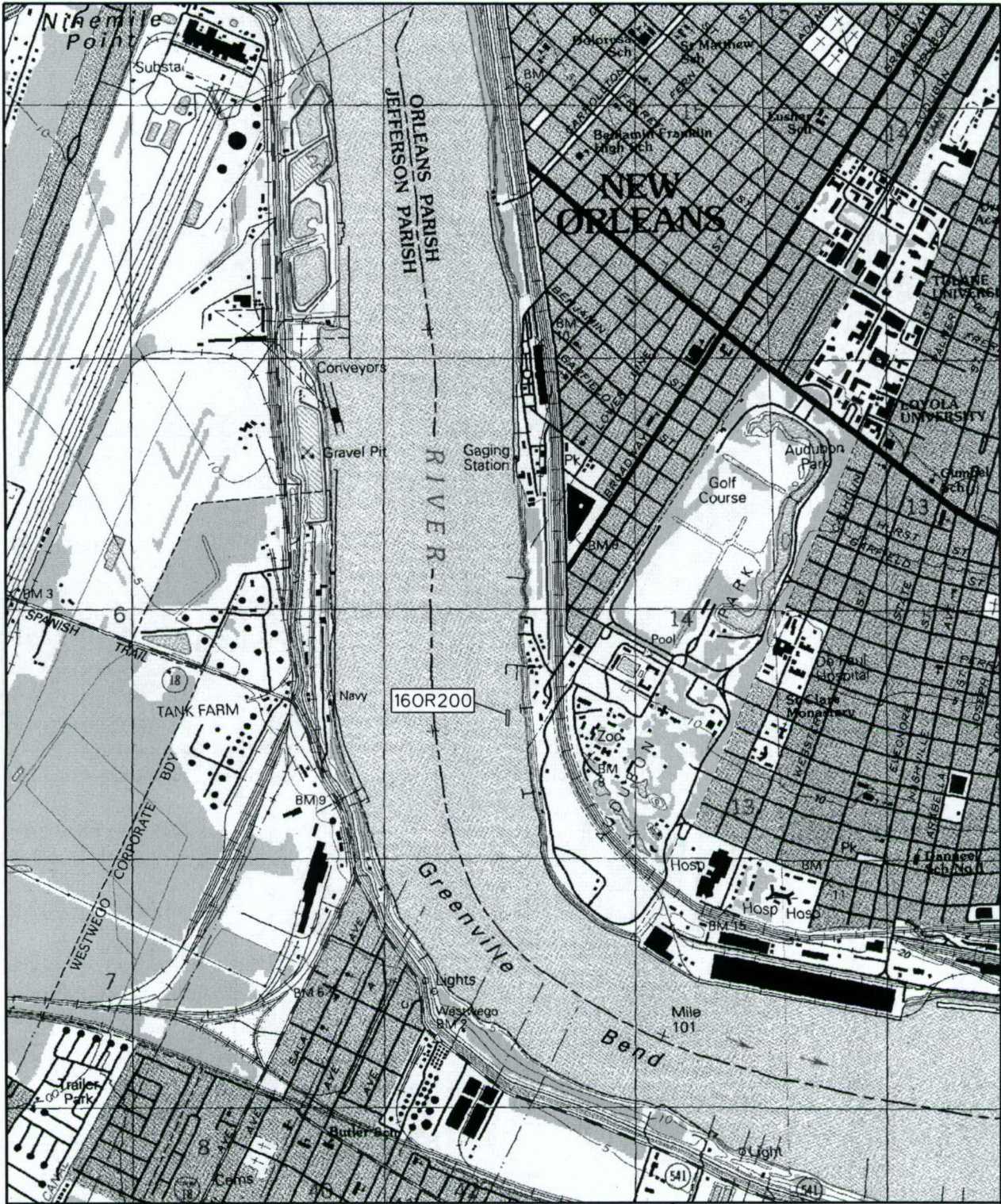
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

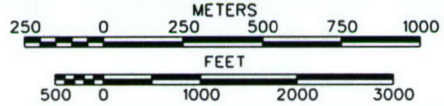
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR200
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR201

OTHER SITE DESIGNATIONS: Shipwreck-13

SITE LOCATION AND APPROACH:

Positioned at approximate River Mile 101.98, on the left descending bank of the Mississippi River, Shipwreck #13 was identified at a river depth that ranged from 11.9 to 17.7 m (39 to 58 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776492.0, N 3313506.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08098 west, Lat. 29.55228 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 11.9 to 17.7 m (39 to 58 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 12, 14 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Analysis of the remote sensing data, historic documentation, and oral history suggested that this vessel represents the remains of a tug called the *Mary B.* The tug *Mary B.* was built of riveted charcoal iron at West San Francisco, California circa 1903. Originally built as an ocean going hawser tug, the *Mary B.* was converted to a harbor tug around 1946 by the New Orleans Coal and Bisso Towboat Company. This vessel had a single screw propeller and the main propulsion consisted of one triple expansion, steam reciprocating engine of 1,200 HP. It had two water tube surplus navy boilers that were likely salvaged from a World War I frigate-type vessel. It also had a flush deck, module bow, overhang stern, steel lower deckhouse, and a wooden pilothouse. The date the vessel sank within the project reach has not been determined.

SITE SIZE: The site measures approx. 20 m (65 ft) east/west by 10 m (32.8 ft) north/south.

CONFIGURATION: The site is rectangular or linear in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is NA, approximately NA artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected and the depth of deposits was not determined.

FEATURES: None

DATING/CULTURAL AFFILIATION: 1903 to post 1963

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: This tug is one example of numerous tugboats that remain in service today to aid in the transport of cargoes and ships. It is a common vessel type (i.e., a charcoal iron tugboat) that was built in the United States during the late nineteenth and early twentieth centuries. In fact, several similar examples, albeit with modernized machinery, are currently owned and operated by E.N. Bisso and Son, Inc. within the project area. The site lacks research potential and it has been assessed as not significant applying the National Register of Historic Places criteria of evaluation (36 CFR 60.4 [a-d]). No additional survey or historical research is recommended.

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: No additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR201

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) 1903 to post 1963

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) commercial tugboat

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

cra Ceramics, Aborig.	she Shell	wb Worked Bone
hc Ceramics, Hist.	ppo PPO's	ub Unmodified Bone (Fauna)
cs Chipped Stone	gl Glass	fl Flora
pp Projectile Pts.	me Metal	wo Wood
gs Ground Stone	cmt Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

gra Grab Surface Col.	au Auger Testing	rs Remote Sensing
sy Systematic Col.	tu Test Units	dv Diver Investigation
sh Shovel Testing	exc Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

unk Unknown	ti Timber Industry	cw Construction, Water
pd Potted	nat Natural	cto Construction, Other
nn None	di Urban Develop.	uw Underwater
ag Agricltr (Plowing)	ot Other, see site form	

Disturbance Degree (1 Entry)

unk Unknown	mp Minor Impact	dt Destroyed
nn None	mj Major Impact	iu Inundated

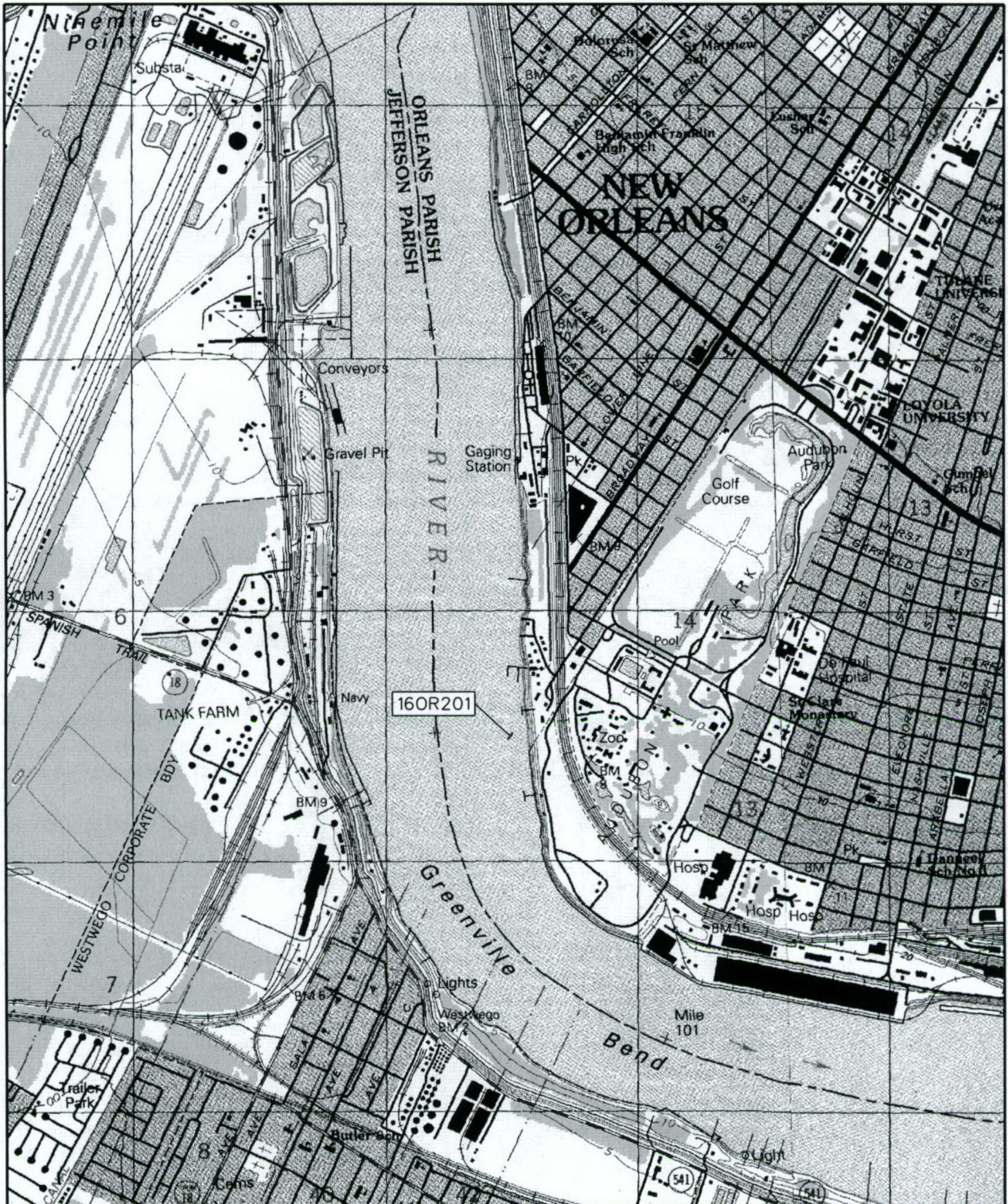
National Register Status (1 Entry)

unk Unknown	ld Listed	ps Potent. Significant
ne Not Eligible	de Declared Eligible	nd National Landmark

References (4 Entries)

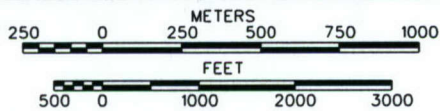
1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR201

QUAD MAPS:
NEW ORLEANS WEST. LA
NEW ORLEANS EAST. LA



SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR202

OTHER SITE DESIGNATIONS: Shipwreck-14

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 101.97, at a river depth that ranged from 17 to 18.6 m (56 to 61 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776470.0, N 3313481.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08108 west, Lat. 29.55222 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 17 to 18.6 m (56 to 61 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 13, 15 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Based upon the multi-beam data and the overall shape of the hull in the sidescan dataset, Shipwreck #14 has been identified with the *Tyler*; a stern-wheel push boat built in 1920 at Newburgh, New York. The *Tyler* was a coal burning steam-powered stern-wheel of 300 horsepower and operated by a crew of ten men. It had a single deck, no masts, and fitted with a square head and stern. The *Tyler* had a net tonnage figure of 156 tons. In addition to the crew cabins, the *Tyler* had water closets, skylights, and a galley. The date the vessel sank within the project reach or the reason it sank has not been determined.

SITE SIZE: The sidescan measurements ranged from 22.6 to 33.5 m (74 to 110 ft) in length and 5.5 to 8.2 m (18 to 27 ft) in width, while multi-beam data yielded a measurement of 39.6 m (130 ft) in length, with a beam of 7.6 m (25 ft).

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: 1920 to post 1952

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: This tug is one example of numerous tugboats that remain in service today to aid in the transport of cargoes, barges and tows on the Mississippi River. It is a common vessel type (i.e., a stern-wheel push boat) that was built on the western rivers during the late nineteenth and early twentieth centuries; the tugboat has been well documented. As a result, the shipwreck lacks research potential; therefore, the site has been assessed as not significant applying the National Register of Historic Places criteria of evaluation (36 CFR 60.4 [a-d]). No additional survey or historical research is recommended.

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: No additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR202

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____ 1920 to post 1952

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) stern-wheel push boat

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

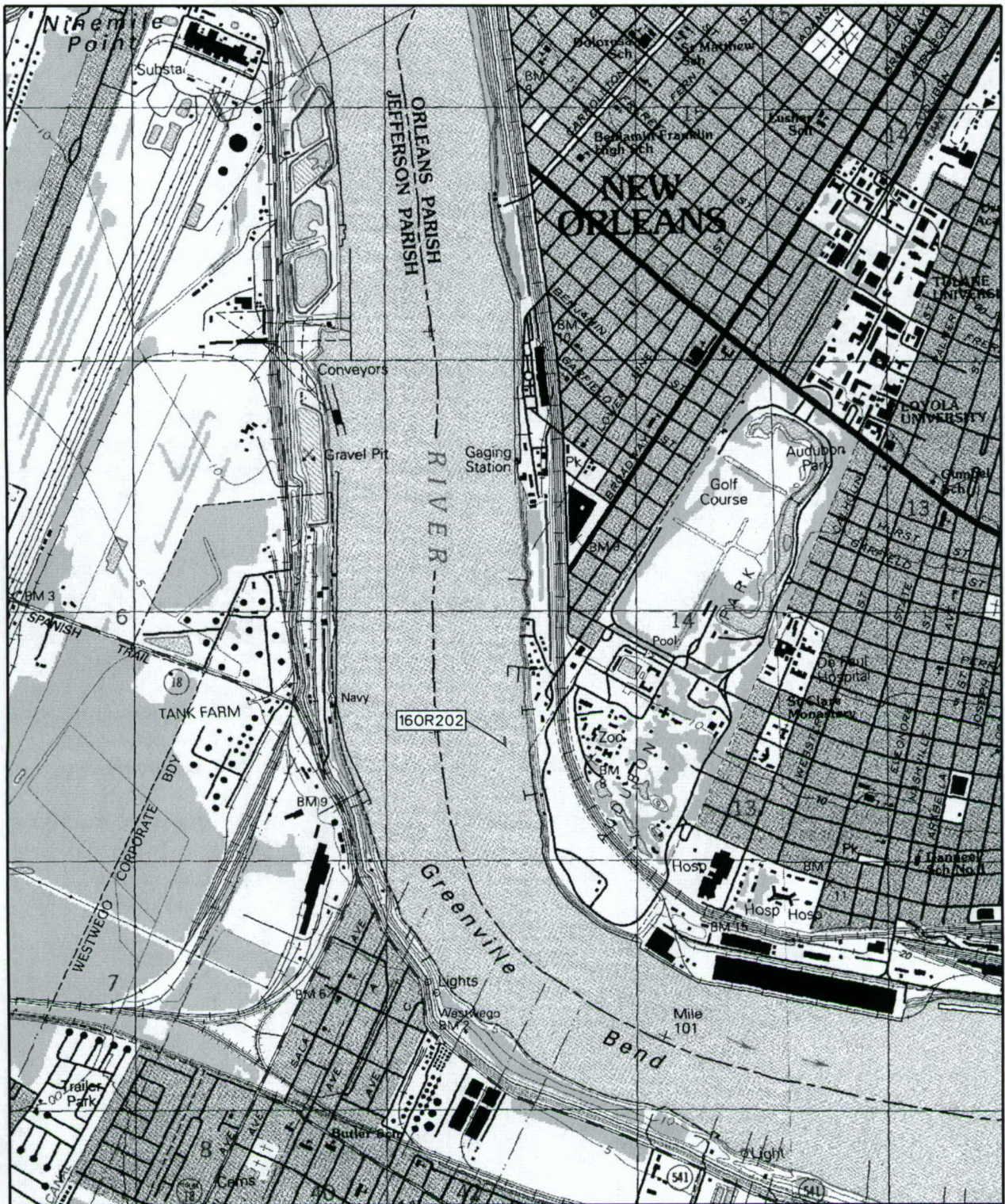
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

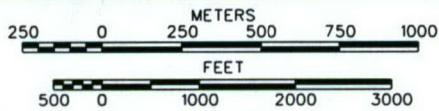
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR202
QUAD MAPS:
NEW ORLEANS WEST. LA
NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR203

OTHER SITE DESIGNATIONS: Shipwreck-15

SITE LOCATION AND APPROACH:

Lying at a river depth of 20.4 to 26.5 m (67 to 87 ft), this vessel is positioned at approximate River Mile 101.98 on the left descending bank of the Mississippi River.

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776418.0, N 3313491.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08126 west, Lat. 29.55229 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth of 20.4 to 26.5 m (67 to 87 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 14, 16 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Based upon the measurements obtained from the remote sensing data and conversations with William A. Bisso, III, this vessel may represent the remains of a landing ferry that was reported lost in the study area. The ferry was used as a landing for other ferries; however, no additional information regarding this vessel was obtained including name, date of manufacture, and date of loss of vessel.

SITE SIZE: The site measures approx. 30.5 m (100 ft) in length with a beam of 11.6 m (38 ft).

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Possible late nineteenth to twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Due to the incomplete remote sensing data, the dimensions vessel could not be confirmed; however, Shipwreck #15 likely represents an unnamed and unidentified landing ferry owned by E. N. Bisso and Son, Inc. Despite intensive investigation of historical documents and records, an exact date of the vessel's construction or loss has not been determined, nor has information concerning the vessel's name or work history been recovered. Landing ferries still in use today can provide information on the vessel type and function; therefore, this submerged example has a lack of research potential. Shipwreck #15 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR203

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) late nineteenth to twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) possible ferry

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

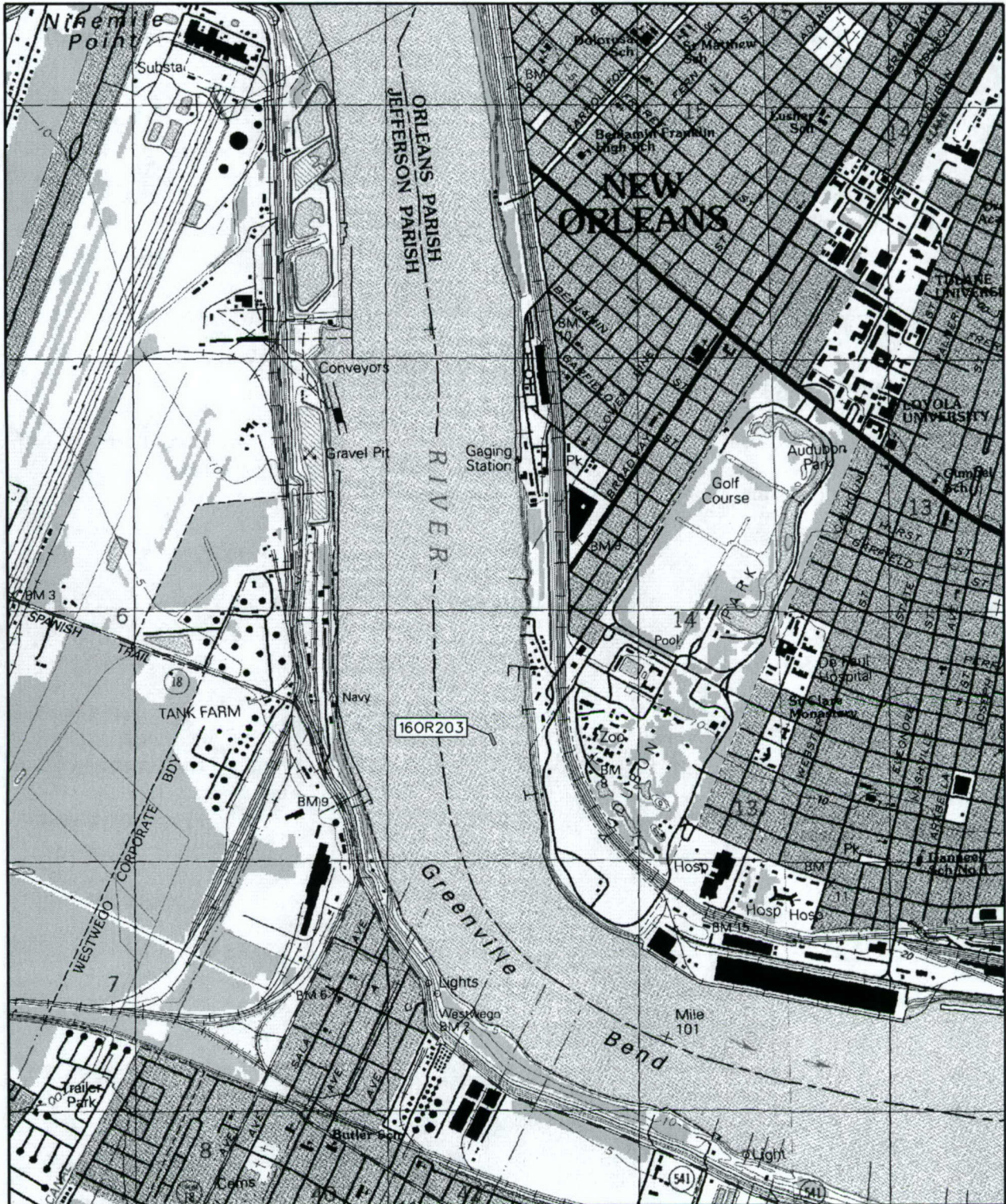
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

References (4 Entries)

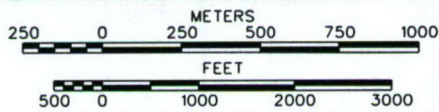
1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR203

QUAD MAPS:
NEW ORLEANS WEST. LA
NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR204

OTHER SITE DESIGNATIONS: Shipwreck-16

SITE LOCATION AND APPROACH:

Positioned adjacent to the left descending bank of the Mississippi River, at approximate River Mile 101.97, Shipwreck #16 is located at a river depth that ranged from 11 to 14.6 m (36 to 48 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776502.0, N 3313476.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08090 west, Lat. 29.55216 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 11 to 14.6 m (36 to 48 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 15, 17 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Shipwreck #16 consists of an unnamed, unknown vessel. Since this vessel is only partially recorded in the side scan dataset and there is a lack of high resolution multi-beam data, no identification could be made as to full vessel dimensions, typology, and function; therefore, no shipwreck has been clearly associated with this craft.

SITE SIZE: This wreck is situated partially beyond the limits of the remote sensing survey; therefore, sidescan sonar and multi-beam bathymetry data is incomplete. Analysis of the sidescan sonar yielded an estimated length of 30.5 m (100 ft) long with a beam of 9.4 m (31 ft); however, due to turning errors, no clear measurements were obtained.

CONFIGURATION: The site is rectangular in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, and no cultural materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Possible late nineteenth to twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Due to the incomplete remote sensing data, the dimensions vessel could not be confirmed; Shipwreck #16 represents an unnamed and unidentified vessel. Remote sensing indicates a lack of integrity, therefore, Shipwreck #16 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR204

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____ late nineteenth to twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) Unknown

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

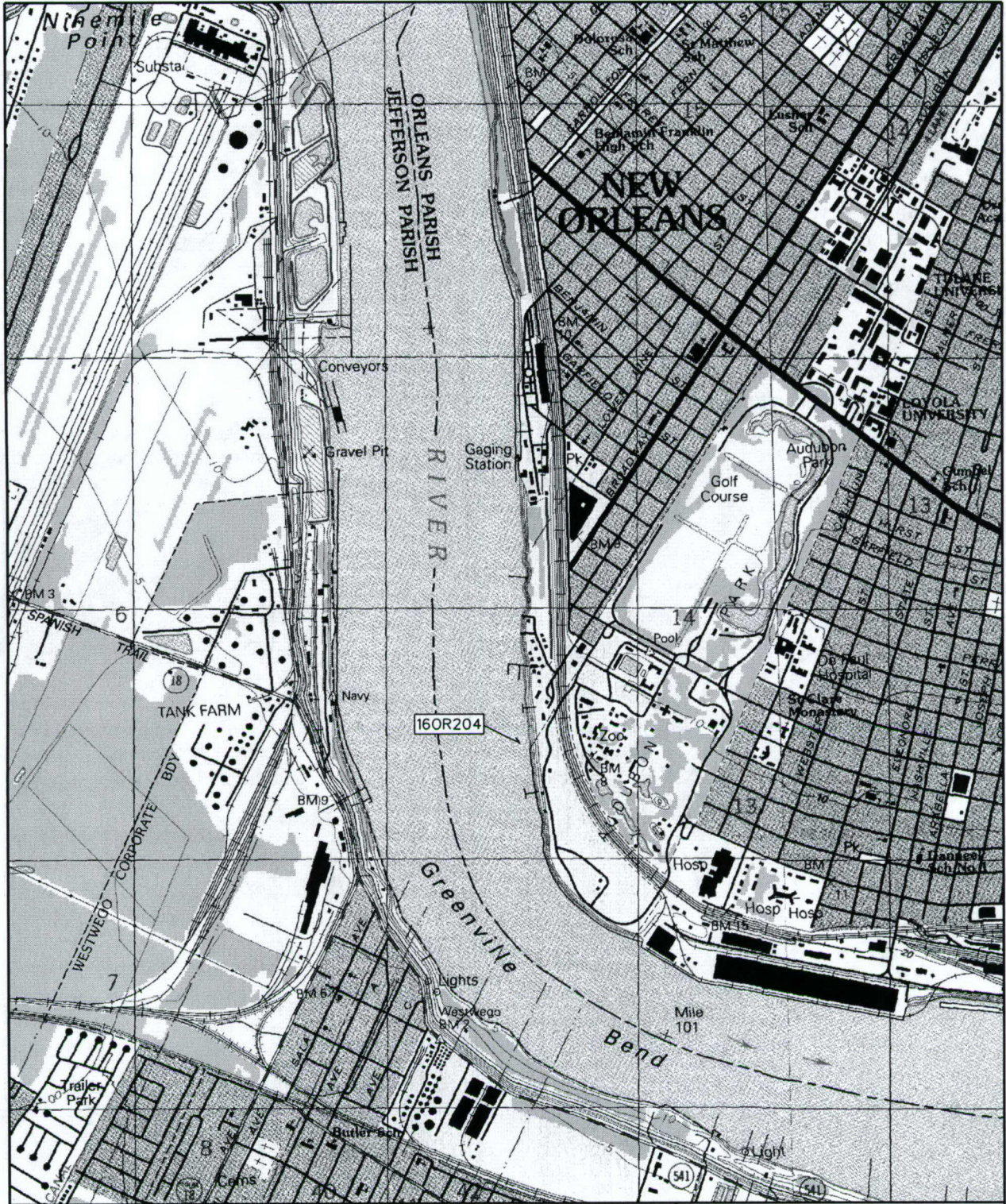
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

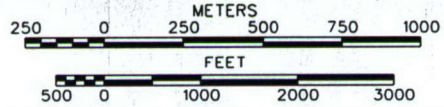
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



160R204
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR205

OTHER SITE DESIGNATIONS: Shipwreck-17

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 101.97, at a river depth that ranged from 13.7 to 15.5 m (45 to 51 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776520.0, N 3313479.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08100 west, Lat. 29.55219 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 13.7 to 15.5 m (45 to 51 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 16, 18 - 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Analysis of the sidescan sonar reveals a barge like vessel in close proximity to several other wrecks; however, no identification could be made as to full vessel dimensions, or function. This dataset indicates a collapse of portions of the vessel's deck and depicts a scattering of debris lying on the deck. The total length is hidden as several vessels are nested next to and possibly over its deck. This wreck was not recorded at all during the multi-beam bathymetry survey.

SITE SIZE: This wreck is situated partially beyond the limits of the remote sensing survey; therefore, sidescan sonar and multi-beam bathymetry data is incomplete. The incomplete recorded dimensions of Shipwreck #17 measured approximately 18.3 to 30.5 m (60 to 100 ft) in length with a beam of 7.6 to 9.1 m (25 to 30 ft).

CONFIGURATION: The site is unknown in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Possibly late nineteenth to twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Due to the proximity of the other vessels and the poor towfish geometry, no clear measurements were obtained, and since this vessel is only partially recorded in the remote sensing dataset, no identification could be made as to full vessel dimensions, typology, or function. Furthermore, no shipwreck has been clearly associated with this craft. Remote sensing indicates a lack of integrity, therefore, Shipwreck #17 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended.

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR205

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Afrm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) late nineteenth to twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) Unknown

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

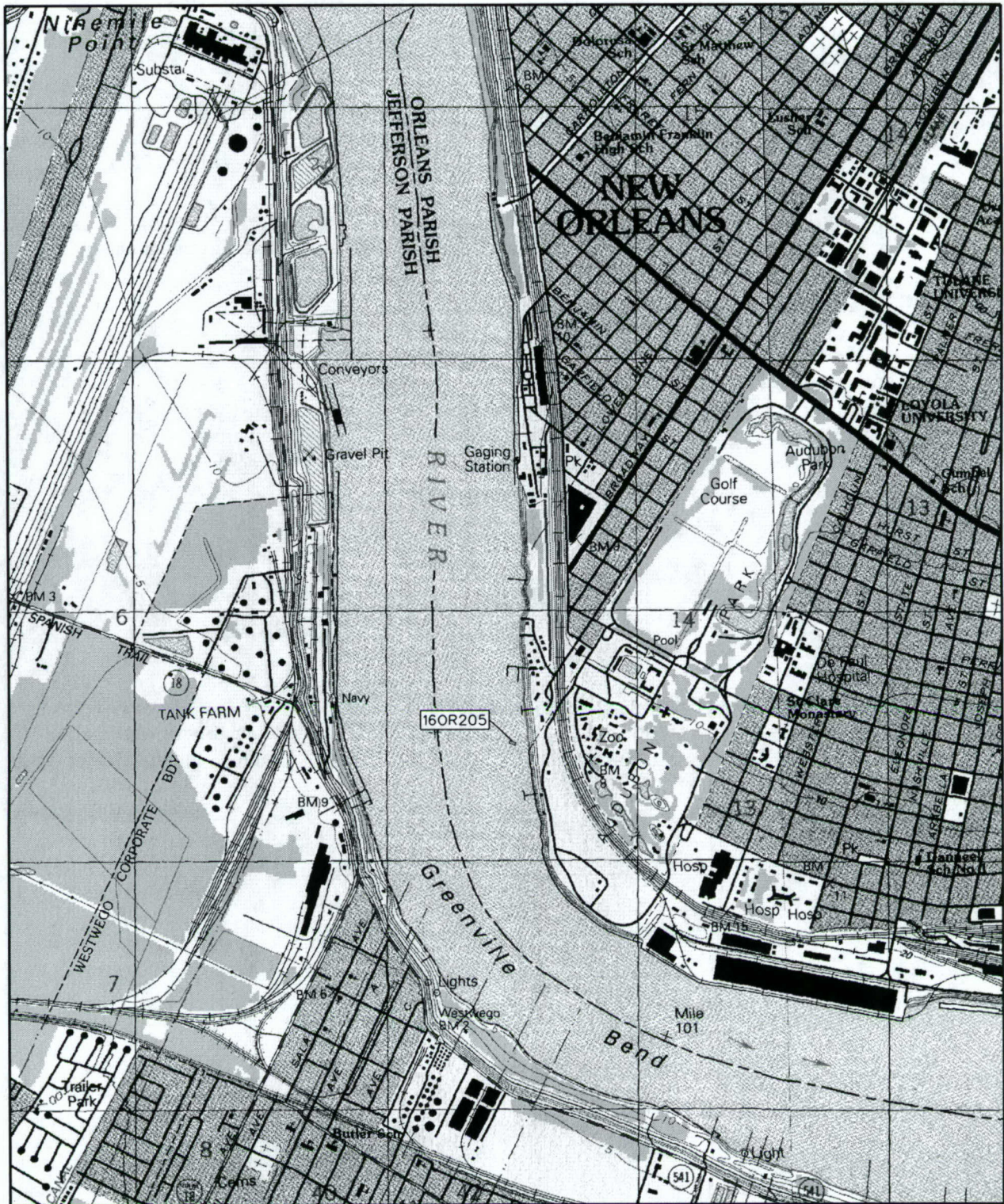
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

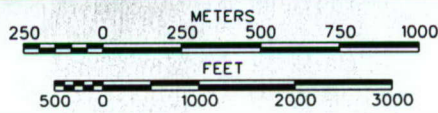
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR205
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR206

OTHER SITE DESIGNATIONS: Shipwreck-18

SITE LOCATION AND APPROACH:

Shipwreck #18 was identified at approximate River Mile 101.95 on the left descending bank of the Mississippi River. It was positioned at a river depth that ranged from 12.2 to 17 m (40 to 56 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776498.0, N 3313449.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08099 west, Lat. 29.55211 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 12.2 to 17 m (40 to 56 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:

Not applicable.

FAUNAL COMMUNITIES:

Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 17, 19

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Shipwreck #18 is situated at the southernmost extent of the study area, and due to the stacking of vessels at this locality, the shape and type of vessel could not be determined. Due to the partial data set no identification was made at this time.

SITE SIZE: Due to low quality sidescan and multi-beam coverage in this area, full documentation of this vessel was not recorded; i.e., a partial recorded dimension of the vessel's length indicates that the wreck was longer than the 18.3 m (60 ft) measured; the beam measured 15.2 m (50 ft) in width.

CONFIGURATION: The site is Unknown in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Possibly late nineteenth to twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Since Shipwreck #18 is only partially recorded in the remote sensing dataset, no identification could be made as to full vessel dimensions, typology, and function; furthermore, no shipwreck has been clearly associated with this craft. Remote sensing indicates a lack of integrity, therefore, Shipwreck #18 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR206

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	psc Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____ late nineteenth to twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) Unknown

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricultr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

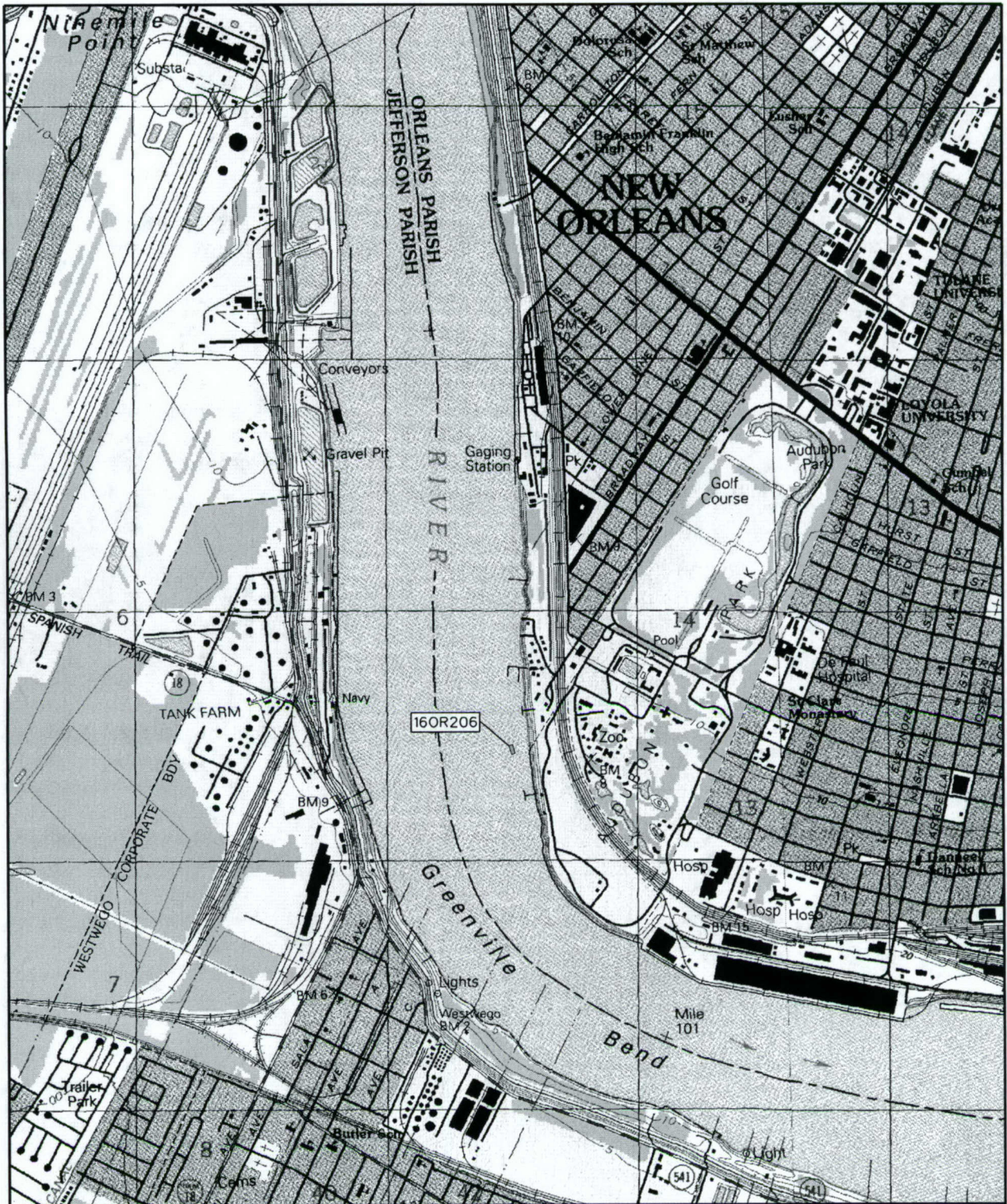
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

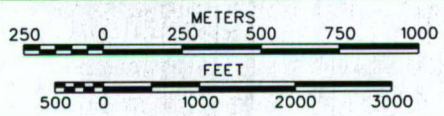
References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



16OR205
 QUAD MAPS:
 NEW ORLEANS WEST. LA
 NEW ORLEANS EAST. LA



 SHIPWRECK

STATE OF LOUISIANA
SITE RECORD FORM

LOCATIONAL DATA

SITE NAME: _____ STATE SURVEY NO.: 16OR207

OTHER SITE DESIGNATIONS: Shipwreck-19

SITE LOCATION AND APPROACH:

The shipwreck is situated near the east bank of the Mississippi River located at approximate River Mile 101.94, at a river depth that ranged from 14.6 to 25 m (48 to 82 ft).

PARISH: Orleans

S1/2 of Irregular Section 14 Township 13S Range 10E

USGS QUADRANGLE: New Orleans West, LA

UTM COORDINATES: Zone 15 E 776477.0, N 3313430.0 (NAD 27)

GEOGRAPHICAL COORDINATES: Long. 90.08108 west, Lat. 29.55205 north (Geographic Coordinate, NAD 83, US Survey Feet)

PHYSICAL SETTING

LANDFORM: Coastal Plain

GEOMORPHIC PROCESSES: Riverine sedimentation

ELEVATION AND RELIEF: at a river depth that ranged from 14.6 to 25 m (48 to 82 ft).

NEAREST WATER: Mississippi River

POSITION WITH RESPECT TO TERRAIN: Shipwreck is currently submerged in the Mississippi River.

SOIL CHARACTERISTICS: River sedimentation.

FLORAL COMMUNITIES:
Not applicable.

FAUNAL COMMUNITIES:
Not applicable.

NEAREST KNOWN SITE: Shipwrecks 1 - 18

STATE OF LOUISIANA
SITE RECORD FORM

SITE DESCRIPTION

SITE DESCRIPTION: Shipwreck #19 is located in the cluster of shipwrecks located in the southern portion of the study area. In fact, this wreck is situated partially beyond the limits of the remote sensing survey; therefore, sidescan sonar and multi-beam bathymetry data is incomplete. Since this vessel is only partially recorded in the remote sensing dataset no identification could be made as to full vessel dimensions, typology, or function.

SITE SIZE: Partial measurements taken from the sidescan yielded a recorded length of 18.3 m (60 ft) with a beam value of approximately 15.2 m (50 ft).

CONFIGURATION: The site is Unknown in shape.

DENSITY OF CULTURAL MATERIALS: Artifact density is N/A, approximately N/A artifacts per m³ of fill.

DEPTH OF DEPOSIT/STRATIGRAPHY: The shipwreck is completely submerged in the river, no materials were collected.

FEATURES: None

DATING/CULTURAL AFFILIATION: Possibly late nineteenth to twentieth century

PRESENT CONDITION/PRESERVATION: Submerged in the Mississippi River/ modification and impacts have occurred due to towing and salvage operations in vicinity.

PRESENT USE: None

PRESENT AND FUTURE IMPACTS: Use of vicinity for towing and salvage operations, bankline revetment will likely destroy or damage the ship.

COLLECTIONS

SURVEY/EXCAVATION METHOD:

Analysis of previously collected side-scan sonar and multi-beam bathymetry survey. Historical document research and oral interviews.

DESCRIPTION OF MATERIAL: No materials were collected from the site.

STATE OF LOUISIANA
SITE RECORD FORM

SITE EVALUATION

RESEARCH POTENTIAL: Since this vessel is only partially recorded in the remote sensing dataset no identification could be made as to full vessel dimensions, typology, and function. Furthermore, no shipwreck has been clearly associated with this craft. Remote sensing indicates a lack of integrity, therefore, Shipwreck #19 does not possess the qualities of significance as defined by the National Register of Historic Places (36 CFR 60.4 [a-d]).

STATE OR NATIONAL REGISTER ELIGIBILITY: Not Significant

RECOMMENDATIONS: The shipwreck lacks research potential; therefore, no additional survey or historical research is recommended

RECORDS

OWNER/TENANT AND ADDRESS: None

INFORMANTS: William A. Bisso, III, of Bisso Marine, Inc., New Orleans, LA

PREVIOUS INVESTIGATIONS: State site forms, historic standing structure forms, NRHP, and historic maps and photos were consulted.

COLLECTIONS AND AVAILABILITY:

State of Louisiana Department Culture, Recreation, & Tourism
Office of Cultural Development, Division of Archaeology
Capitol Annex Building
1051 N. 3rd Street, Room 405
Baton Rouge, LA 70802
(504) 342-8170

PHOTOGRAPHS AND MAPS: No site map or photos available.

REFERENCES: Krause et al. 2004

RECORDED BY:

R. Christopher Goodwin & Associates, Inc.
309 Jefferson Highway, Suite A
New Orleans, LA 70121
Tel. (504) 837-1940

DATE: January 5, 2004

**STATE OF LOUISIANA
SITE RECORD FORM**

Site No. 16OR207

CAD CODING SHEET

Landform (1 Entry)

kn Knoll	sd Saltdome	bea Beach	nrs Nat. Relic Scar
rid Ridge	swa Swamp	udw Underwater	bat Batture
bn Bench	bsw Backswamp	nal Natural Levee	ot Other, see form
pm Pimple Mound	msh Marsh	chr Chenier	

Soil Area (1 Entry)

cp Coastal Plain	fw Flatwoods	ral Recent Alluvium	cpr Coastal Prairies
cmr Coastal Marsh	mtl Miss. Terrace, Loessial Hills		

Soil Series Number _____

Cultural Features (4 Entries)

sar Single Artifact	pse Prehistoric Scatter	ls Lithic Scatter
md1 Mound/Earthwork	hsc Historic Scatter	bu Burials
md2 Mounds/Earthwork	hst Hist. Sheet Midden	ss Standing Structures
her Hist. Earthwork	shm Shell Midden	du Dump
ote Other Earthwork	erm Earth Midden	hr Historic ruins
sw Shipwreck		

Remarks (C.F.) _____

Cultural Affiliation (7 Entries)

pu Prehis. (Unk.)	tc Tchefuncte	ms Mississippian
hu Historic (Unk.)	mar Marksville	cad Caddo
ph Pre./Hist. (Unk.)	is Issaquena	hi Hist. Indian Contact
pal Paleo-Indian	ba Baytown	ex Hist. Explr. 1541-1803
mi Meso-Indian/Archaic	tro Troyville	ant Antebellum 1803-1860
ni Neo-Indian (Unk.)	cc Coles Creek	war War & Aftm 1860-1890
po Poverty Point	pq Plaquemine	in Indust. & Modern 1890-P

Remarks (C.A.) _____late nineteenth to twentieth century

Site Function (3 Entries)

pu Prehist. (Unk.)	fa Farm/Rural res.	ci Commercial/Service Cen.
hu Historic (Unk.)	wt Watercraft P&H	it Institut. (Rel. & Ed.)
ch Chipping Station	pt Plantation	gv Governmental
cam Camp	hs Hist. Town/Vill.	id Industrial
el Extraction Locale	ur Urban	du Dump
ha Preh. Hamlet/Vill.	cr Cemetery (Mort.)	ml Military
cer Ceremonial Center	ht Hist. Transport.	

Remarks (S.F.) Unknown

**STATE OF LOUISIANA
SITE RECORD FORM**

Description of Material (6 Entries)

<u>cra</u> Ceramics, Aborig.	<u>she</u> Shell	<u>wb</u> Worked Bone
<u>hc</u> Ceramics, Hist.	<u>ppo</u> PPO's	<u>ub</u> Unmodified Bone (Fauna)
<u>cs</u> Chipped Stone	<u>gl</u> Glass	<u>fl</u> Flora
<u>pp</u> Projectile Pts.	<u>me</u> Metal	<u>wo</u> Wood
<u>gs</u> Ground Stone	<u>cmt</u> Construct. Material (Brick, Wattle & Daub)	

Method of Investigation at Site (3 Entries)

<u>gra</u> Grab Surface Col.	<u>au</u> Auger Testing	<u>rs</u> Remote Sensing
<u>sy</u> Systematic Col.	<u>tu</u> Test Units	<u>dv</u> Diver Investigation
<u>sht</u> Shovel Testing	<u>exc</u> Excavation	

Other: Historical research and interviews

Disturbance Agent/Present Use (3 Entries)

<u>unk</u> Unknown	<u>ti</u> Timber Industry	<u>cw</u> Construction, Water
<u>pd</u> Potted	<u>nat</u> Natural	<u>cto</u> Construction, Other
<u>nn</u> None	<u>di</u> Urban Develop.	<u>uw</u> Underwater
<u>ag</u> Agricltr (Plowing)	<u>ot</u> Other, see site form	

Disturbance Degree (1 Entry)

<u>unk</u> Unknown	<u>mp</u> Minor Impact	<u>dt</u> Destroyed
<u>nn</u> None	<u>mj</u> Major Impact	<u>iu</u> Inundated

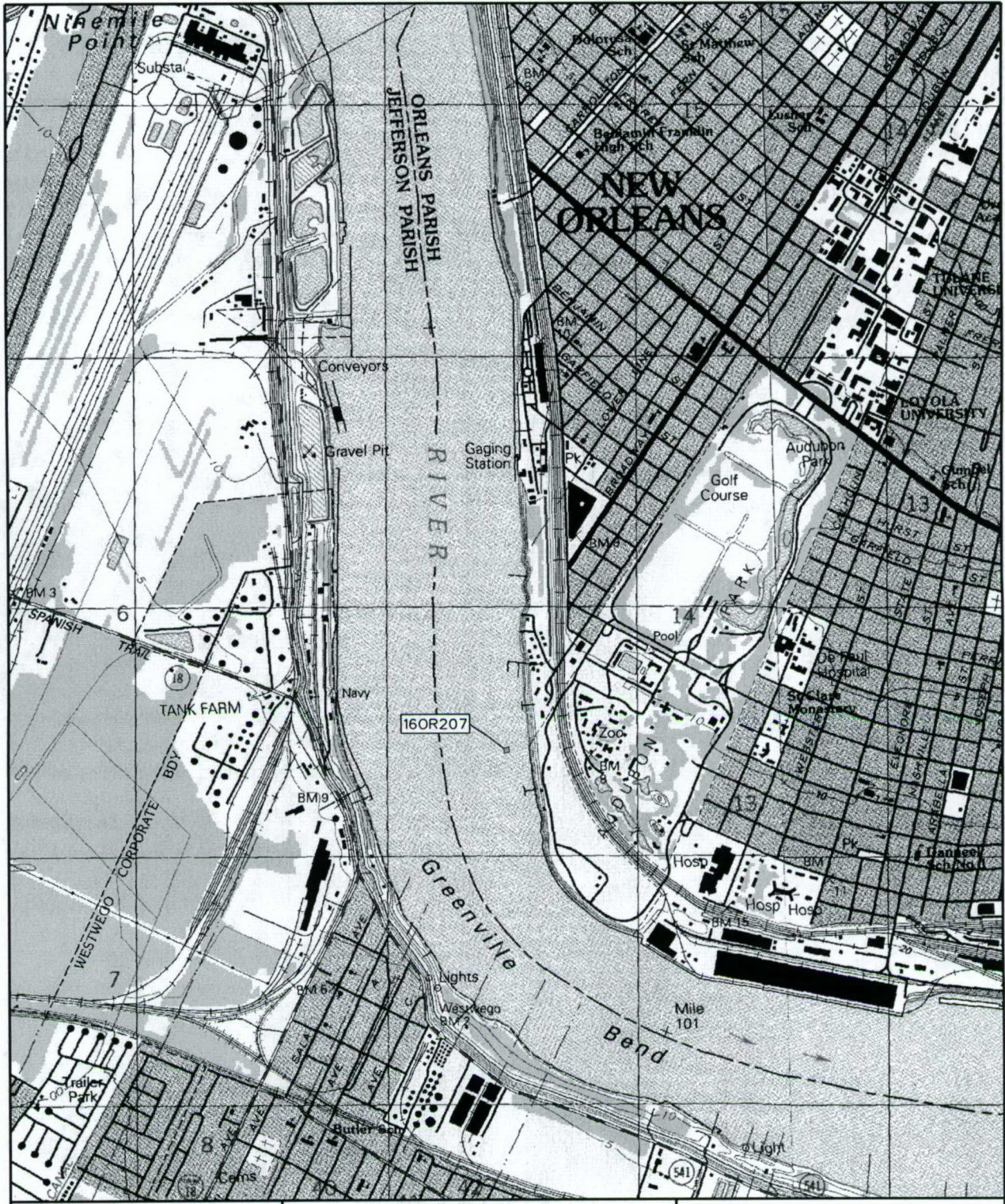
National Register Status (1 Entry)

<u>unk</u> Unknown	<u>ld</u> Listed	<u>ps</u> Potent. Significant
<u>ne</u> Not Eligible	<u>de</u> Declared Eligible	<u>nd</u> National Landmark

References (4 Entries)

1) _____ 2) _____ 3) _____ 4) _____

STATE OF LOUISIANA
SITE RECORD FORM



<p>16OR207</p> <p>QUAD MAPS: NEW ORLEANS WEST. LA NEW ORLEANS EAST. LA</p>	<p>N</p> <p>250 0 250 METERS 500 750 1000</p> <p>500 0 1000 2000 3000</p> <p>FEET</p>	<p>SHIPWRECK</p>
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APPENDIX III

**CORRESPONDENCE FROM THE LOUISIANA
DIVISION OF ARCHAEOLOGY**



MITCHELL J. LANDRIEU
LIEUTENANT GOVERNOR

State of Louisiana
OFFICE OF THE LIEUTENANT GOVERNOR
DEPARTMENT OF CULTURE, RECREATION & TOURISM
OFFICE OF CULTURAL DEVELOPMENT
DIVISION OF ARCHAEOLOGY

ANGÈLE DAVIS
SECRETARY
PAM BREUX
ASSISTANT SECRETARY

August 9, 2004

Mr. David F. Carney
Chief, Environmental Planning
& Compliance Branch
USACE, New Orleans District
P.O. Box 60267
New Orleans, LA 70160-0267

Re: Draft Phase I CRM Report
Division of Archaeology Report No. 22-2642
*Phase I Cultural Resources Survey and
Archeological Inventory of the Proposed Carrollton
Revetment Project, Orleans Parish, Louisiana*
R. Christopher Goodwin & Associates, Inc.

Dear Mr. Carney:

In response to your letter dated June 7, 2004, transmitting the above-referenced document, our office has reviewed the report, and we have the following comments to offer for your consideration.

The report is well written and thorough in its exploration of the history of the project area. We appreciate the additional work put into generating the included Maritime History and Vessel Typology chapter. Despite the preliminary nature of the investigations, the report contributes a great deal of information regarding the project area and its relation to the development of New Orleans and surrounding communities, as well as information connecting the project area to larger economic networks.

RECEIVED
R 18/11/04
KV

Mr. David F. Carney

August 9, 2004

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In regards to the 20 newly identified archaeological sites, we agree with the assessment that the single terrestrial site, 16OR181, and 17 of the 19 submerged sites (16OR189, 16OR191-16OR198, and 16OR200-16OR207) do not meet the criteria for eligibility for nomination to the National Register of Historic Places. We also concur with the assessment that the Gouldsboro/Chickasaw shipwreck (16OR190) meets the criteria of eligibility for nomination to the National Register of Historic Places.

However, in reviewing the assessment of the A.M. Halliday (16OR199), the evidence did not support the assessment that this site clearly meets the National Register criteria for eligibility and should therefore be considered eligible. It is clear that this vessel played an important role in the development of the areas included in and surrounding the project area, on both sides of the Mississippi River. It is our recommendation that this site be considered potentially eligible for listing on the National Register of Historic Places.

It is obvious that both sites 16OR190 and 16OR199 will be impacted by the proposed revetment activities. However, it also seems clear that this impact will not be adverse, but will instead partially serve to protect these resources from certain erosional damage caused by various forces along the Mississippi River.

As is the case with most reports of this size, there are some Technical Comments attached to this letter suggesting changes to be incorporated in the final version of this report. In addition, photocopied pages highlighting typographical errors and additional minor changes are also included with this letter for your convenience.

We look forward to receiving two copies of the final report for this project, as well as final copies of the site forms generated from this investigation. If you have any questions or comments regarding this letter, please feel free to contact Cheraki Williams in the Division of Archaeology at (225) 342-8170.

Mr. David F. Carney
August 9, 2004
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Sincerely,

A handwritten signature in cursive script that reads "Pam Breaux".

Pam Breaux
State Historic Preservation Officer

PB:CW:s

Enclosures: as stated

Cc: Ms. Kari Krause (w/ copy of enclosures) ✓
R. Christopher Goodwin, & Associates, Inc.
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New Orleans, LA 70121