

Dugout Boat Survey Sheet. Recorder: _____ Date: _____ Location of all features, etc measured from Wider End or from Stern or from Bow **Measurements in CM**

International ID Code:	IE	Licence No.:		Find Context:		Townland:		Water Body:		Water Level/Depth:		Co-ordinates:		
Find Location:				Current Location:				Future Location:						
Condition	Excellent	Very Good		Good	Moderate		Poor		Very Poor	Other				
Survival	Complete?	Fragmentary?	(No. Pieces)	Base?	Stern: Complete		Partial	Base	None	Bow: Complete		Partial	Base	None
Portside:	Complete	Partial	Chine	None	Starboard: Complete		Partial	Chine	None	Drawing / Photo No.s				
General Dimensions of Boat Remains. Ext/Int L, W, H, Side/Floor T:								Other Information (Bed Topography & Nature of Boat in Topography):						

Timber / Wood Identity	Ref/Code	Species	Wood Grain	Straight	Distorted	Partially Distorted	1/2 Log	3/4 Log	Date	Dating Method	Ref/Code
No. Knots/ Knot Holes	<u>Orientation of knot/knot holes:</u>		Angled from Stern Ext towards Bow Int	Angled from Bow Ext towards Stern Bow Int		Pith?	Sapwood?		Location / Description of Above Features		

Boat Form / Hull Shape														
Main Body Plan				Main Body Long Section				Main Body Cross Section						
L:	Ext / Int W:	Side T:	Floor / Chine T:	Ext / Int Top W:	Ext / Int Base W:	Ext / Int H:	Other:							
End 1 (Stern?) Plan		End 1 Long Section		End 1 Cross Section										
Missing? <input type="checkbox"/>														
Present? <input type="checkbox"/>	L:	Ext / Int W:	Side T:	Floor / Chine T:	Ext / Int Top W:	Ext / Int Base W:	Ext / Int H:	Other:						
End 2 (Bow?) Plan		End 2 Long Section		End 2 Cross Section										
Missing? <input type="checkbox"/>														
Present? <input type="checkbox"/>	L:	Ext / Int W:	Side T:	Floor / Chine T:	Ext / Int Top W:	Ext / Int Base W:	Ext / Int H:	Other:						



EARLY WATERCRAFT
M Erič



K Brady

An Roinn Ealaíon, Oidhreacht,
Gnóthaí Réigiúnacha, Tuaithe agus Gaeltachta
Department of Arts, Heritage,
Regional, Rural and Gaeltacht Affairs




R McHugh

Department for
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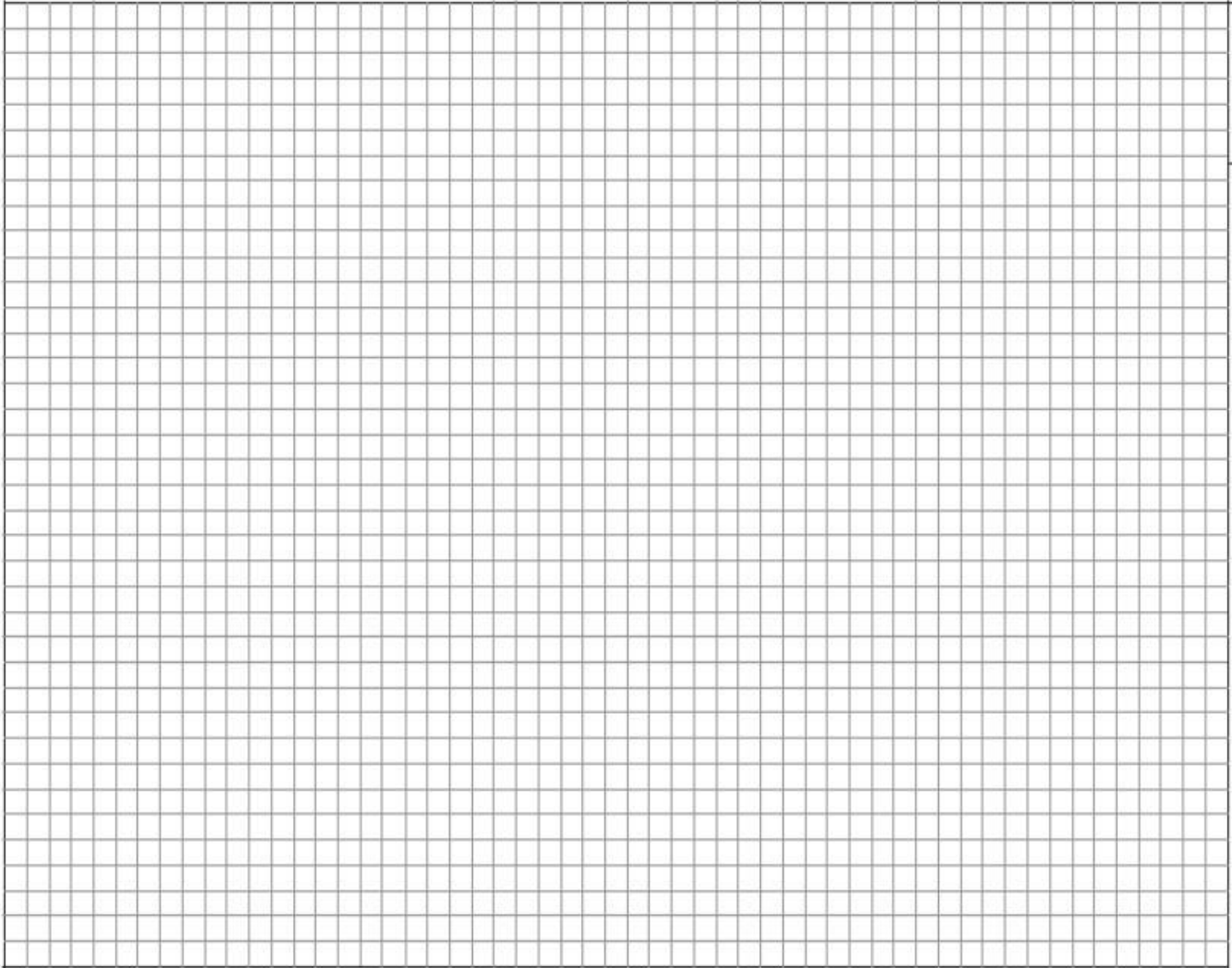


N Gregory

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Archaeology**

Construction Features <u>No./Location:</u> <u>Dimensions:</u> <u>Assoc. with?</u>	Caulking	Dowels / Trenails (Holes)	Nails
Repairs		Running Strakes	Thickness Gauges
Stemboard / Fitted Transom			
Tool Marks		Transverse Boards	Tumblehome
Wash Strakes		Other Features	
Functional Feature <u>No./Location</u> <u>Dimensions:</u> <u>Assoc. with?</u>	Bulkheads	Duckbill Projections	False Keel / Keelson
Fitted Ribs (Ridges)		Footrests 	Mast Steps
Mooring Holes		Raised Bow / Stern	Seats / Thwarts
Solid Ridges/Ribs		Tholepin Holes	
Thwart Rests		Other Features	Associated Finds/Cargo/Ballast Ref or Code (include location on Sketch Plan):

Sketch Plan (including longitudinal & transverse sections)



Glossary of Terms:

Aft	Someone or something is aft when positioned towards the rear or stern of a vessel. [3]	Raised Bow / Stern	Angled upwards incline of bow or stern to prevent waves swamping the boat. [3]
Amidships	At or toward the part of a ship half way between the bow and stern...[1]	Ribs	The frames of a ship. [1] Narrow transverse board set across the bilge of floor of a dugout boat and affixed with dowels. [3]
Ballast	Heavy weight[s] stored deep in [boat] to increase stability. [1]	Rowing	Method of propulsion for a boat with oars set as fulcrum on gunwales. [3]
Bow	The forward or pointed end of a boat.	Running Strake	Additional of thicker board or timber running fore to aft and close or at gunwale to prevent hull damage or act to stabilise it. [3]
Bilge	The deepest part inboard of a [boat's] hull...[1]	Sail	Fabric designed and shaped to catch the wind and propel [a boat]. [1]
Bulkhead	A...partition usually athwartships to segregate the [boat] into compartments...[1] and reaches gunwale height or ability to create watertight compartments. [3]	Solid Rib	Narrow transverse raised ridge across the floor of a boat and carved from the floor. [3]
Caulking	A material that is driven into the seams [spaces]...to stop leaks. [1]	Stability	The relative tendency of a [boat] to remain upright in the face of wind and waves. [1]
Chine	The part of the bottom of a [boat] where the relatively flat shape begins curving up to form the topside. [1] [3]	Starboard	The area to the right of a centreline of a boat is the starboard side. [3]
Dowel	A straight round wooden peg used to align and hold timber together... [2]	Stern	The section of a boat opposite the bow, or the after rear end of the vessel. [3]
Duckbill Projection	Bow or stern protruding projection with flat upper surface and curved lower side merging into the hull, with similar profile to the bill (beak) of a duck. [3]	Sternboard	See Transom
False Keel	See Keelson	Strake	The uppermost plank of a wooden boat. [1]
Fitted Rib	See Rib	Swamping	Water entering a boat from the over the top edge. [3]
Fitted Transom	See Transom	Thickness Gauge	Small circular hole drilled into base of the boat, usually on longitudinal axis, after hull is fashioned and prior to hollowing interior so that once met during hollowing, thickness of the boat's base can be determined. Upon completion the remaining hole is plugged with caulking and/or dowel. See Caulking. [3]
Footrest	Foot emplacement set transversely, either carved to protrude inboard from floor or port or stern quarter of boat. Foot anchor for rowing or punting. [3]	Tholepin	Pegs mounted vertically in the gunwale...against which the oars are pulled. [1]
Inboard	Describing the inside of a [boat]. [1]	Tholepin Hole	Internal bulge at gunwale, carved from the solid timber of a dugout boat, with vertical hole to retain tholepin. [3]
Keelson	Ties the floors together, thus adding strength or rigidity to the frames. [1] Carved from the solid of original tree trunk with dugout boats, and protrudes on the boat's underside along the centre line. [3]	Thwart	A seat or brace fastened from gunwale to gunwale [or close to gunwale] to...keep the shape or add strength [1] or as a passenger or rowers seat [3]
Mast	A vertical spar [1] mounted to hold a sail [3]	Thwart Rest	Emplacement carved into the inboard side[s] with flat bottom to hold a thwart. [3]
Mast Step	A...platform on which the mast is set. [1]	Tool Mark	Residual trace of tool action or cut left in timber from making the boat. [3]
Mooring Hole	A transverse hole set external through bow or stern from which the boat, at rest, is secured. [3]	Transom	The flat outboard stern structure of a ship from keel to deck. [1] Fitted Transom or Sternboard in relation to dugout boat, in which the transom forms composite to in general non-composite construction of the boat. [3]
Oar	Long shafted pole with blade on end to row or steer a boat. [3]	Transverse Board	Board in interior of a boat set vertically and running across the boat's centre line. Unlike a bulkhead, it does not reach gunwale level. [3]
Port	The area to the left of a centreline of a boat is the port side. [3]	Trenail (Treenail)	A found wooden peg tapering to narrower end, driven into drilled hole in receiving timber. [3]
Punt	To push a boat along with a pole. [1]	Tumbleholme	Describing the topsides or transom of a boat which curve inward towards the [centre] line, so that the [widest] part of the vessel is below the [top edge or gunwale]. [1]
Quarter	The stern end [or area] of a vessel on either side of the rudder. [1]	Washstrake	A board above the gunwale running fore to aft to keep waves or spray out of the boat. [3]

[1] <http://www.seatalk.info> (accessed 8th September 2016).

[2] <http://www.carpentry-tips-and-tricks.com/Carpentry-Terms.html#T> (accessed 8th September 2016).

[3] Gregory, 2016