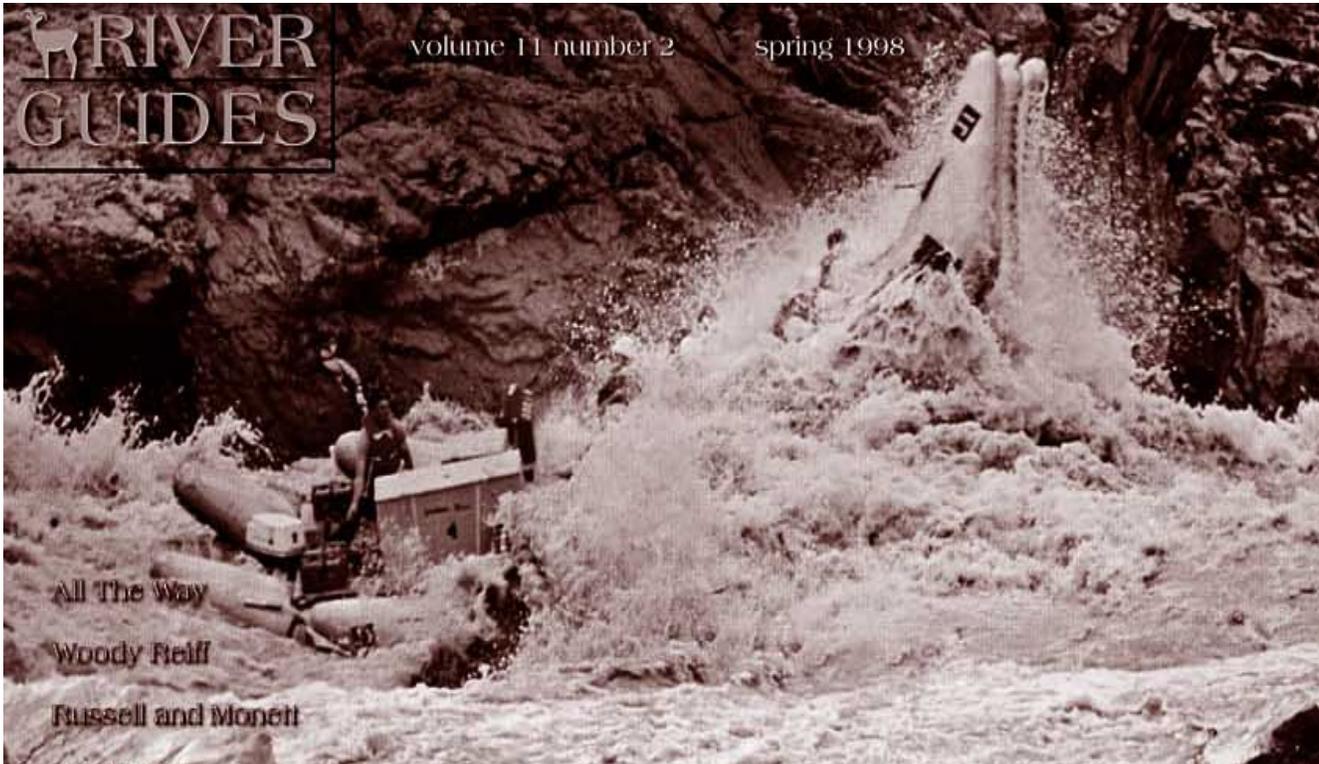


GRAND CANYON BIG RIGS  
Richard Quartaroli, 2015 GTS



Jake Luck running Crystal Rapid's "old hole" (1966-1983) in Western River Expeditions J-Rig, "J-1" (WRE poster, courtesy Peggy Luck, and cover of the *Boatman's Quarterly Review* by Brad Dimock)

Around 75 percent of commercial Grand Canyon river passengers over the past two years (2013 and 2014) have traveled on motorized rafts, Grand Canyon's "big rigs," mostly S-Rigs, but also J-Rigs and C-Craft.

GRAND CANYON COMMERCIAL RIVER PASSENGERS:

2014

Passengers

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Motorized:	0	0	0	562	2961	3389	3073	2783	881	0	0	0	13,649
Non-Motorized:	0	0	0	336	817	929	987	723	817	249	0	0	4,858
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>898</b>	<b>3778</b>	<b>4318</b>	<b>4060</b>	<b>3506</b>	<b>1698</b>	<b>249</b>	<b>0</b>	<b>0</b>	<b>18,507</b>
Percent:	0%	0%	0%	5%	20%	23%	22%	19%	9%	1%	0%	0%	

2014: 73.75% motorized  
26.25% non-motorized

2013

Passengers

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Motorized:	0	0	0	543	2918	3254	3163	2610	901	0	0	0	13,389
Non-Motorized:	0	0	0	462	793	955	881	692	754	52	0	0	4,589
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1005</b>	<b>3711</b>	<b>4209</b>	<b>4044</b>	<b>3302</b>	<b>1655</b>	<b>52</b>	<b>0</b>	<b>0</b>	<b>17,978</b>
Percent:	0%	0%	0%	6%	21%	23%	22%	18%	9%	0%	0%	0%	

2013: 74.47% motorized  
25.53% non-motorized

Yet, other than the basics – **G-Rig** designed and named after **Georgie White** (no longer run after Georgie died in 1992); WRE's **J-Rig** designed by Paul Thevenin and named after **Jack Currey**; **S-Rig** designed and named after Ron **Smith** of Grand Canyon Expeditions; and **Canyoners'** **C-Craft** designed by Gaylord Staveley and named after his river company – not many know the various steps along the way

to the configurations operated today. [Designed and built by the late Jim **Norton** (d. 2008), Cam Staveley, and Jim Protiva, AzRA's "**N-Rig**," though not formally recognized, originally got classified by Grand Canyon National Park in the CORs as a C-Craft, then as a J-Rig, and has components of both. When I worked for AzRA, 1990-93, I named it the N-Rig after Norton, which is a funny story how that came about – buy me a beer and I'll tell you.] Indeed, thanks to some great research by Brad Dimock, Roy Webb, and others, probably more is commonly known about Grand Canyon's historic hard-hulled boats and currently rowed dories (and a Nevills' cataract boat) than is known about the "soft-hulled" versions.

Similar to my work on "The Begats: Grand Canyon River Outfitter Genealogy," I am guessing I have about 75% of the information and photographs, and hoping to increase that to 95% in the near future on "The Begats for Big Rigs." As with all my research, I rely on many people for information and assistance. Excuse me for not listing everyone here, but some in particular need to be recognized – among them are: Herm Hoops (Oneway Boatworks), who is doing extensive research on all rubber boats used in river running, by manufacturer; Gaylord Staveley; and Dick McCallum.



Dugald Bremner

Top left: **G-Rig**, P.T. Reilly photo, NAU Cline Library

Top right: **J-Rig**, WRE brochure

Middle left: **S-Rig**, GC Whitewater website

Middle right: **C-Craft**, S.J. Krieg photo, Canyoneers website

Bottom left: **N-Rig**, Dugald Bremner photo, AzRA brochure

