

Proposed IP Naming/Numbering Scheme for SW-FOCE

13 April 2015, Robert Herlien

Existing DNS Names

IP Address	DNS Name	Function
134.89.91.1		Router
134.89.91.2	kelpbed	Pumphouse Linux box
134.89.91.3	swfoce-serial	Was QuickFOCE Digi terminal server, now unused
134.89.91.4	swfoce2	Was Digi terminal server in pumphouse
134.89.91.5	swfoce3	Pumphouse OE Converter
134.89.91.6		Deployed (wet) OE Converter

Proposal

IP Blocks:

134.89.91.1 – 31	Infrastructure & pump house
134.89.91.32 - 63	swFOCE1
134.89.91.64 – 95	swFOCE2
134.89.91.96 - 254	Unused

Proposed changes for DNS names. Note all are on subnet swfoce.mbari.org. That's why they no longer carry the "sw" prefixes in the DNS name themselves.

IP Address	DNS Name	Function
134.89.91.1		Router
134.89.91.2	kelpbed	Pumphouse Linux box
134.89.91.3	serial1	Was QuickFOCE Digi terminal server, now unused
134.89.91.4	serial2	Was Digi terminal server in pumphouse
134.89.91.5	oe1	Pumphouse OE Converter
134.89.91.6	oe2	Deployed (wet) OE Converter
134.89.91.7	cn	Central Node matchport serial server
134.89.91.32	gw1	Gateway node 1
134.89.91.33	gw1serial	Digi serial server in gateway 1
134.89.91.34	gw1camera	IP Camera on gateway 1
134.89.91.64	gw2	Gateway node 2
134.89.91.65	gw2serial	Digi serial server in gateway 2
134.89.91.66	gw2camera	IP Camera on gateway 2