

SECTION SEVEN: OP-3
XLDS EXTREME LIGHTWEIGHT DIVING SYSTEM OPERATION
KM-HELMETS, BAND MASKS, EXO-26 BR, M-48,
AGA/MK-20.

06/13/11

NOTE: Ensure all routine, scheduled and pre-dive maintenance/set-up has been performed to the Helmets, Masks, EGS System and components IAW the applicable O&M Manuals and procedures. Ensure all maintenance is recorded.

Date:
Helmet/Mask Serial #:
Associated Equipment Serial #(s):
Technician (print name):

STEP	PROCEDURES	INITIALS
SECTION 1 SYSTEM OPERATION		
Note: Normal Operation XLDS Rapid Deployment Console with XLDS System Two or Three Diver Control Console.		
1.1	RDC Operator	
	1. Prior to deploying divers, adjust each divers RDC regulator to 350 psig	
	a. Red Regulator	
	b. Green Regulator	
	c. Yellow Regulator	
1.2	RDC Operator	
	1. Open the appropriate umbilical supply valves	
	a. Red Diver ALP-1	
	b. Green Diver ALP-2	
	c. Yellow Diver ALP-3	

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STEP	PROCEDURES	INITIALS
1.3	RDC Operator	
	1. During decent, occasionally purge Red, Green, and Yellow pneumofathometers (Pneumo) by momentarily opening and closing each divers (Pneumo) supply valve to purge water from the pneumo hose.	
1.4	RDC Operator	
	1. During the dive, the console operator should occasionally check each divers reduced pressure to ensure a reduced supply pressure to each diver of 350+-25 psig.	
	2. HP air supply cylinders should be shifted/changed before supply pressure drops below 375 psig.	
1.5	RDC Operator	
	1. During ascent the pneumo valves should be left shut.	
1.6	RDC Operator	
	1. After removing helmet or mask, secure air to the helmet or mask by shutting the appropriate umbilical supply valve.	
	a. Red Diver ALP-1	
	b. Green Diver ALP-2	
	c. Yellow Diver ALP-3	

Technician Signature: _____ Date _____

Comments: _____

