CG ICS SSP SPECIFIC HAZARD ATTACHMENT	Hazard Products containing Be Additional Attachment		2. Divisions/Groups/Units affected:		3. Job Tasks Involving H	Hazard:
Medical Condition	Action Level	Reference	Signs, Symptoms & Potential Health Effects	Exposure Route	<u>Controls</u> : Engineering, Administrative, PPE	Medical Response
Cancer	A Retion Dever	Reference	Bone marrow depression, Abnormal blood counts, Cancer of the blood (leukemia), incapacitating illness & death	Inhalation X Absorption X Ingestion Injection	 Avoid Contact Avoid confined & tight spaces Keep upwind Air monitoring Chem resistance clothing Respirators > PEL 	- Test blood & urine for phenol
Dermatitis			Reddening of the skin, benzene is a suspected skin carcinogen	Absorption X	 Avoid Contact Keep upwind Wear chemical resistance gloves & clothing Wash frequently 	- Wash skin & exposed areas with soap and water
Eye Irritation			Red eye, weeping eye, blurry vision	Absorption X Ingestion	 Avoid Contact Keep upwind Wear safety glasses High splash zone, wear chemical resistance goggles 	- Flush eyes with water
Central Nervous System Effect			Giddiness, headache, nausea, staggered gait, fatigue	Absorption X Ingestion Injection Membrane	 Avoid contact, & confined/tight spaces Keep upwind Air monitoring Chem resistance clothing Respirators > PEL 	- Test blood & urine for phenol
Respiratory Irritant			Irritation of nose, throat and lungs	Inhalation X Absorption X Ingestion Injection Membrane	 Avoid confined & tight spaces Keep upwind Air monitoring Chem resistance clothing Respirators > PEL 	- Test blood & urine for phenol
4. Prepared by:	5. Date/time briefed:		Last Update: 4/5/01			h 1: Benzene
					Page	of

4. Frepared by:	5. Date/time oriered:		Last Update: 4/5/01		SSP-Attach 2: Page	Hydrogen Sulfide of
Central Nervous System Depression 4. Prepared by:	5. Date/time briefed:		Headache, dizziness, fatigue, staggered gait, giddiness	Inhalation X Absorption Ingestion Injection Membrane	- Avoid confined & tight spaces - Keep upwind - Air monitoring - Chem resistance clothing SCBA > PEL	- Remove from site
Chemical Burns			Severe burning of skin, eyes and other external organs	Inhalation Absorption Ingestion Injection Membrane Contact X	- Avoid areas above 10% LEL - Keep upwind - Air monitoring - Flash protective clothing SCBAs > PEL	-Treat for burns as appropriate
Respiratory Paralysis			Difficulty breathing, fatigue, strong signs of weakness	Inhalation X Absorption Ingestion Injection Membrane	 Avoid Contact Keep upwind Wash frequently Avoid confined & tight spaces Keep upwind Air monitoring SCBA > PEL 	- Provide support respiration where needed
Diarrhea			Runny or loose stool	Inhalation X Absorption Ingestion X Injection Membrane	 Avoid Contact Keep upwind Wash frequently Avoid confined & tight spaces Keep upwind Air monitoring SCBA > PEL 	- If ingested, induce vomiting, drink large volumes of water
Medical Condition Chemical asphyxiation	Action Level Note: Poor Warning Properties	Reference	Signs, Symptoms & Potential Health Effects Headache, dizziness, fatigue, staggered gait, giddiness	Exposure Route Inhalation X Absorption Ingestion Injection Membrane	Controls: Engineering, Administrative, PPE - Avoid Contact - Avoid confined & tight spaces - Keep upwind - Air monitoring - SCBA > PEL	Medical Response
CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Products Containing Hyd Additional Attachments:	rogen Sulfide	2. Divisions/Groups/Units affe	cted:	3. Job Tasks Involving I	Hazard:

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Generic Signs & Sympton Toxic Exposure Attachments:		Groups/Units affected:	3. Job Tasks Involving Hazard:			
Sign	s and Symptoms	1	Action to be Taken				
	loss or change in ap	petite.	1. REMOVE PI FROM SITE.	ERSON AND OTHERS			
- Unusual fatigue	or sleeping difficul	ties	2. REPORT SY	МРТОМ ТО			
- Unusual irritabi	lity		SUPERVISO	R			
- Skin rashes/alle	rgies/sores		3. EVALUATE SOURCES	POTENTIAL			
- Hearing loss			4. REQUEST SECHARACTE	ITE RIZATION BY SITE			
- Vision loss or p	roblems		SAFETY OF	- · · · · · · · · · · · · · · · · · · ·			
- Changes in sens	se of smell						
- Shortness of bre	eath, asthma, cough,	, wheeze,					
excess sputum							
- Chest pains							
- Nausea, vomitir	ng, dizziness						
- Weakness, trem	ors						
- Headaches							
- Stomach pains							
- Personality char	nges						
4. Prepared by:	5. Date/time briefed:	Last Update: 4/5/01		3: Signs/Symptoms of oxic Exposure			

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Heat Stress Attachments:		2. Divisions/Groups/Units aff	ected:	3. Job Tasks Involving I	Hazard:
Medical Condition Heat Stroke	Action Level Minimize exposure	Reference NIOSH:	Signs, Symptoms & Potential Health Effects Skin is hot	Exposure Route Inhalation	Controls: Engineering, Administrative, PPE - Acclimitize workers	Medical Response - Get EMT assistance
		Working in Hot Environments	Skin is dry Skin is red and spotted Body Temp: 105 or > Mental confusion Convulsions Unconscious	Absorption X Ingestion Injection Membrane	 Avoid direct sun Institute work/rest regimens Provide cool rest areas Drink 5-7 ounces water every 15-20 	immediately - Remove victim to cool area - Soak clothing w/water - Fan body to increase cooling
Heat Exhaustion	Minimize exposure	NIOSH: Working in Hot Environments	Extreme weakness Giddiness, headache Nausea, Vomiting Skin is clammy & moist Complexion is pale/flushed Body Temp: normal to slightly elevated	Inhalation Absorption X Ingestion Injection Membrane	minutes - Consider ccoling garments - Use heat stress monitors - Use canopies or other shelter - Minimize workers with illnesses and	 Notify EMT Rest victim in cool place Have victim drink plenty of water
Heat Cramps	Minimize exposure	NIOSH: Working in Hot Environments	Painful spasms of muscles Profuse sweating	Inhalation Absorption X Ingestion Injection Membrane	excessive weight	 Remove victim from site Ensure victim drinks plenty of water and replaces electrolytes
Fainting	Minimize exposure	NIOSH: Working in Hot Environments	Victim faints due to lack of blood to the brain	Inhalation Absorption X Ingestion Injection Membrane		 Remove victim to cool area Ensure victim drinks plenty of fluid Ensure victim is not sedentary in direct heat
Heat Rash	Minimize exposure	NIOSH: Working in Hot Environments	Skin rash Experience of prickly heat	Inhalation Absorption X Ingestion Injection Membrane		Remove victim to cool place Ensure victim drinks plenty of water
4. Prepared by:	5. Date/time briefed	1:	Last Update: 4/5/01		SSP-Attach	4: Heat Stress

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Cold Stress Attachments:		2. Divisions/Groups/Units affe	ected:	3. Job Tasks Involving I	Hazard:
Medical Condition Hypothermia	Action Level Minimize exposure	Reference NIOSH: Working in Cold Environments	Signs, Symptoms & Potential Health Effects Pain in extremities Uncontrollable shivering Reduced core temperature Cool skin Rigid muscles Slowed heart rate Weakened pulse Low blood pressure Slow irregular breathing Slurred speech Drowsiness Incoherence Uncoordination Diminished dexterity Diminished judgement	Exposure Route Inhalation Absorption X Ingestion Injection Membrane	Controls: Engineering, Administrative, PPE - Reduce manual work load - Ensure workers drink plenty of water - Establish warm locations for breaks - Establish work & rest regimens - Establish shelters, canopies or other devices to reduce wind effect - Minimize sitting still or standing around - Ensure proper sleep	Medical Response - Remove victim from wind, snow & rain - Minimize use of energy - Keep person awake - Remove wet clothing - Get into dry clothing - Wrap blanket around - Pack neck, groin, armpits with warm packs or towels - Give sweat warm drinks - Remove person to medical facility
Frostbite	Minimize exposure	NIOSH: Working in Cold Environments	Whitened areas of skin Burning sensation at first Blistering Affected part; cold, numb & tingling	Inhalation Absorption X Ingestion Injection Membrane	- Ensure proper diet - Ensure right balance of protective clothing - Ensure workers are not overheated by clothing	 Cover frozen part Provide extra clothing & blankets Place affected part in warm water or with warm packs If no pads, wrap in blanket Discontinue warming when part becomes flushed and swollen Exercise part after warming, but place no pressure on it Give sweet warm fluids Do not rub part with anything Do not use hot heating devices on part Obtain medical assistance
4. Prepared by:	5. Date/time briefed	l:	Last Update: 4/5/01	'		5: Cold Stress e 1 of 2

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Cold Stress Attachments:		2. Divisions/Groups/Units affe	cted:	3. Job Tasks Involving l	Hazard:
Medical Condition Chilblain Frostnip	Action Level Minimize exposure Minimize exposure	Reference NIOSH: Working in Cold Environments NIOSH:	Signs, Symptoms & Potential Health Effects Recurring localized ithcing Swelling, painful inflammation of fingers, toes, or ears Severe spasms Skin turns white	Exposure Route Inhalation Absorption X Ingestion Injection Membrane Inhalation	Controls: Engineering, Administrative, PPE Reduce manual work load Ensure workers drink plenty of water Establish warm locations for breaks Establish work & rest	Medical Response - Remove to warmer area - Consult physician - Remove to warmer
Acrocyanosis	Minimize exposure	Working in Cold Environments NIOSH: Working in Cold Environments	Hands and feet are cold, blue and sweaty	Absorption X Ingestion Inhalation Absorption X Ingestion	regimens - Establish shelters, canopies or other devices to reduce wind effect - Minimize sitting still or standing around	 area Refer to treatment for frost bite Remove to warmer area Loosen tight clothing Consult physician
Trench Foot Raynaud's Disease	Minimize exposure Minimize exposure	NIOSH: Working in Cold Environments NIOSH: Working in Cold Environments	Swelling of the foot Tingling, itching Severe pain Blistering Fingers turn white & stiff Intermittent blanching & reddening of fingers and toes Affected areas tingle &	Inhalation Absorption X Ingestion Inhalation Absorption X Ingestion Injection	 Ensure proper sleep Ensure proper diet Ensure right balance of protective clothing Ensure workers are not overheated 	 Remove to warmer area Refer to treatment for frost bite Consult physician Remove to warmer area Consult physician
4. Prepared by:	5. Date/time briefec	 :	becomes very red or reddish purple Last Updated: 4/5/01	Membrane		5: Cold Stress e 2 of 2

CG ICS SSP LOG/RECORD OF	1. Incident Name	2. Site Location:	3. Site	Supervisors:	
SAFETY BREIFINGS ATTACHMENT					
4. Type of Briefing		5. Presented by:	(6. Date	7. Time
Start Shift [] Pre-Entry []		•			
Exit [] End of Shift []					
Specify Other:					
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	1		ı	CCD	Attach 6: Record of
Last Updated: 4/5/01					
					afety Briefings
				Pa	ge of

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Helicopter Operations Additional Attachments:		2. Helicopter Location	3. Emergency contacts:	
	ctivity		Safe Work Practice		4. Checked [✓]
	-boarding	- R	eceive Safety briefing from helicopter operators	5	
			eceive emergency extrication briefing		
		- K	now location of emergency equipment		
		- K	now water landing procedures		
		- Lo	oose fitting hats, clothing & other gear removed	1 at minimum 100 ft away	
		- E1	nsure operator knows how to contact emergency	y services	
		- E1	nsure operator has good communications with c	coordinating vessels	
		-	<u> </u>	_	
Approaching an	nd Exiting Helicopter	- A	pproach from front		
		- A	pproach only when signaled by pilot		
			ever walk under tail blade		
		- A	pproach in clear view of pilot		
		- A	pproach in crouching position		
Onboard Helicon	oter/Helicopter Startup	- W	ear seatbelts		
		- W	ear hearing protection		
			round crew & other persons maintain minimum	50 ft from operating helo	
		- B	e alert for ground traffic and air traffic to assist	pilot	
			-		
	Other	-			
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5. Prepared by:	6. Date/time briefed:	·	Last Updated: 4/5/01	SSP-Attach 7: Heli	copter Safety
			•	Page of	

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Small Boat Operations Additional Attachments:		2. Small Boat Unit Assignment	3. Emergency contacts:	
A	ctivity		Safe Work Practice		4. Checked [✓]
Pre	-boarding	- Re	eceive safety briefing from boat crew operators		
		- Re	eceive emergency extrication briefing		
		- Kr	now location of emergency equipment		
		- En	sure operator knows how to contact emergency	services	
		- En	sure operator has good comms with coordinating	g vessels & shore units	
			sure comms schedule with parent unit is unders		
		- En	sure distress signals are available for day & nig	ht operations (3 per shift)	
		- En	sure qualified operators are running the boats		
			sure appropriate number of CG approved Type		
		- Co	onfirm location of safe seating from boat operator	or	
		- En	sure portable fuel tanks are full prior to boardin	g	
		- Ke	eep all sources of ignition away from fueling are	a	
		- En	sure boat does not exceed safe load capacity (pe	ersonnel & equipment)	
		- En	sure proper footwear for maintaining adequate	ooat deck contact	
		- En	sure equipment on boat is distributed evenly to	ensure stability	
		- En	sure at least 2 people are operating the boat		
			sure sun protection is available (glasses, and su		
		- En	sure adequate food & water is available for dura	ation of operation	
		- En	sure first aid kits, fire extinguishers, alternate m	eans of propulsion	
		- En	sure adequate fenders and mooring lines are ava	ailable	
Boat	Operations	- Re	emain seated whenever possible. Keep low in the	e boat.	
	•	- En	sure boat is able to maintain direct contact visus	ally or by radio	
			void anchoring the boat by the stern	· ·	
Boat mod	ring and egress		eep hands & feet away from pinch points betwee	en boat & dock	
		- Stay clear of lines being used for mooring			
			o not disembark with bulky or heavy equipment,		
		- If	not assisting in the mooring operation, remain so	eated until lines are tied	
		1			
5. Prepared by:	6. Date/time briefed:	1	Last Updated: 4/5/01	SSP-Attach 8: Sma	ll Boat Safety
				Page of	· -

CG ICS SSP SPECIFIC	1. Hazard Vehicle Operations:		2. Vehicle Unit Designator	3. Emergency contacts:				
HAZARD ATTACHMENT	venicle operations.							
ATTACHMENT	vitv		Safe Work Practice		4. Checked [✓]			
Before of	v	- Eı	0000 [0]					
Deloie								
	_	 Ensure gas cap is in place & tight Ensure front hood and trunk are secured 						
	_							
			nsure spare tire is in good condition ocate tire changing equipment					
			ocate emergency road kit					
			neck headlights, brake, emergency, turn signals and	narking lights				
			djust side mirrors	parking rights				
			djust review mirrors					
			nsure horn is in working order					
			nsure seat belts fasten					
			nsure sunglasses are available					
			C	ura control defrecter				
	-	 Locate operating switches for lights, wipers, temperature control, defroster Ensure adequate directions to destination are available 						
	-		neck to ensure driving route avoids high crime areas					
	-		nsure adequate fuel (keep half full during emergence					
	-	· Li	isure adequate ruer (keep nan run during emergene	108)				
Vehicle O	perations -	· A	fter ignition, look for warning lights.					
	-		est braking system					
	-	· O	bey all traffic signs and speeds					
	-	· Do	o not drive if hearing, sight or appendages are impa	ired				
	-	· Ta	ake frequent breaks; once every 100 miles					
	-	. D	uring breaks, if sleeping, park in lighted lot and kee	p doors locked				
	-	· Do	o not drive if tired, on medication or under influence	e of alcohol				
	-	· M	onitor traffic reports for accidents, weather and con	struction				
Other Pre	cautions -	-						
	-	-						
	-							
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•	-	-	<u>, </u>					
5. Prepared by:	6. Date/time briefed:		Last Updated: 4/5/01	SSP-Attach 9: Ve	hicle Safety			
				Page of	-			

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Insect Hazards Additional Attachments:	2. Divisions/Groups/Units affects	ed:	3. Job Tasks Involving Hazard:
Hazard Type Insect Bites & Stings	Hazard Type Potential Sources	Signs & Symptoms Allergic person: -Swollen throat -Difficult breathing -Noisy breath -Sudden pain -Severe itching, hives, acute redness, swelling -white firm swelling -reduced consciousness, shock -Systemic poison -Flu – like symptoms -Severe abdominal pain -Rigidity, muscle pain, cramping, -Chest tightness, breathing difficulty, -Pain in soles of feet -Alternating dry & salivating mouth, -Nausea, vomiting -Profuse sweating or swollen eyelids -Severe redness	Control Recon area prior to work & identify nests & habitats Identify as hazard areas & place on SSP map Provide insect repellent Encourage long sleeves & pants if practical Conduct tick & bite inspection during breaks and prior to departing site Identify persons with insect allergies & restrict them where necessary Obtain emergency insect bite kits	symptoms - Use cold pack to reduce swelling, use pad between skin and pack - Wash wound with soap & water
	Ticks	-Red circle around bite -Bite takes several months to heal -Flu like symptoms -Fever -Rash, joint pain, headaches		 Request med assistance for allergic persons Remove stinger without pinching or squeezing Use cold pack to reduce swelling, use pad between skin and pack Wash wound with soap & water Request med assistance for allergic persons Remove tick with oil, alcohol or heated tweezers Use tweezers to remove imbedded head If fever, rash, unusual markings develop around bite, contact physician
4. Prepared by:	5. Date/time briefed:	Last Updated: 4/5/01		SSP-Attach 10: Insect Hazards Page 1 of

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	Hazard Animal Hazards Additional Attachments:	2. Divisions/Groups/Units affected	d:	3. Job Tasks Involving Hazard:
Hazard Type Mammal Bites	Potential Sources Dogs, Cats Skunks, Raccoons Foxes, Badgers Wolves, Bears Cows	Signs & Symptoms -Pain & tenderness of wound -Redness, heat, swelling -Puss under the skin -Red streaks around wound -Swollen lymph nodes in arm pits, groin & neck	Control Recon area prior to work & identify nests & habitats Identify animals & any unusual behavior Relocate animals if necessary using wildlife experts Report rabid animals to local wildlife authorities Obtain emergency	Medical Treatment Get medical attention ASAP to address infection Ensure tetanus shot is updated Interview individual to determine appearance/disposition of animal Control serious bleeding Apply pressure using gauze pad, tourniquets are inadvisable Wash before touching wound Wear rubber gloves when treating victim Wash wounds that are not bleeding heavily Cover with clean dressing and bandage
Cooler Diver	Caral Sualea	Rabies -Drooling -Irritability -Strange, abnormal behavior	bite kits	- Get medical assistance immediately
Snake Bites	Coral Snakes Water Moccasins Rattle Snakes Pit Vipers Ticks	Some or all of these symptoms may be present: -Fang marks -Swelling, discoloration, pain -Heat around fang marks -Weakness, sweating, faintness, shock Coral snake: -Respiratory paralysis -Bizarre behavior -Unusual eye movement	 Recon area prior to work & identify nests & habitats Place locations on SSP map Identify animals & any unusual behavior Relocate animals if necessary using wildlife experts Report agressive animals to local wildlife authorities Obtain emergency bite kits 	 Get medical attention ASAP Ensure tetanus shot is updated Interview individual to determine appearance/disposition of snake Control serious bleeding Apply pressure using gauze pad, tourniquets are inadvisable Wash before touching wound Wear rubber gloves when treating victim Wash wounds that are not bleeding heavily Cover with clean dressing and bandage Poisoned Victim Get immediate medical attention Keep patient still to slow spread of venom Place bite area below heart to slow venom Wash with soap & water Use splint to immobilize bitten arms/legs Use cold pack with gauze before skin Do not administer aspirin or alcohol Do not use tournequets
4. Prepared by:	5. Date/time briefed:	Last Updated: 4/5/01		SSP-Attach 11: Animal Hazards Page 1 of

CG ICS SSP SPECIFIC HAZARD ATTACHMENT	1. Hazard Marine Animal and Plant Hazards Additional Attachments:	2. Divisions/Groups/Units affected:		3. Job Tasks Involving Hazard:
Hazard Type Animal Stings & Punctures	Potential Sources Group I Jellyfish, Portuguese Man-o-war Anemones Corals Hydras Group II Urchins, Cone Shells, Stingrays, Spiny fish	Signs & Symptoms -Pain & tenderness of wound -Redness, heat, swelling -Puss under the skin -Red streaks around wound Sensitive Individuals -Allergic reactions -Respiratory arrest -Fainting -Infections & tetanus may develop	Control - Recon area prior to work & identify nests & habitats - Place locations on SSP map - Outfit workers with protective clothing for water activities and to prevent bites	Medical Treatment Get medical attention ASAP to address infection Ensure tetanus shot is updated Interview individual to determine appearance of animal Control serious bleeding Group I Do not rub or scratch affected area Sprinkle alcohol on affected area, follow with meat tenderizer or talcum if available (denatures toxin) Group II Soak in very warm water for 30 minutes Do not use very hot water
Plants	Poison Ivy Poison Oak Poison Sumac	Some or all of these symptoms may be present: -Itching -Burning -Blistering -Rash & bumpy skin	 Recon area prior to work & identify plant types Place locations on SSP map Remove if necessary Long sleeve shirts and pants should be worn Gloves should be worn Wash frequently during breaks & prior to departing work site. Employ body screen salves 	 If contact occurs, wash with soapy water immediately Do not scratch Provide medical attention of spreading is severe
4. Prepared by:	5. Date/time briefed:	Last Updated: 4/5/01	•	SSP-Attach 11: Animal Hazards Page 2 of