

Damage Control Emergency Responses

EVENT	IMMEDIATE RESPONSE	QUICK REPAIR	PERMANENT REPAIR
Flooding	Trapped crew? <ul style="list-style-type: none"> Find leak and slow it Check all thru hulls Drop headsail (unless heel reduces flooding) 	<ul style="list-style-type: none"> Stuff leak Fother if leak forward of keel Activate all pumps Charge batteries Prepare to Abandon Ship/ Mayday? 	<ul style="list-style-type: none"> Wood plugs, Truplug, Nerf balls, "Stay Afloat" Plywood or lead patch, shoring timber Abandon Ship? Withdraw Mayday?
Fire	Trapped crew? Fight Fire Fast <ul style="list-style-type: none"> Slow boat; luff main Drop headsail 	<ul style="list-style-type: none"> Fight Fire Shut valves-stove/ engine Prepare to Abandon Ship/ Mayday? 	<ul style="list-style-type: none"> Abandon Ship? Withdraw Mayday? Fire watch
Lee shroud or spreader broken or loose	Stay on present tack <ul style="list-style-type: none"> Maintain pressure on windward rigging 	<ul style="list-style-type: none"> Secure leeward rigging Rig halyards to rail 	<ul style="list-style-type: none"> Rig halyard thru end of pole set abeam Replace or reconnect parts Fabricate new shroud or spreader
Windward shroud or spreader broken or loose	Tack instantly <ul style="list-style-type: none"> Maintain pressure on new windward side 	<ul style="list-style-type: none"> Secure leeward rigging Rig halyards to rail 	<ul style="list-style-type: none"> Rig halyard thru end of pole set abeam Replace or reconnect parts Fabricate new shroud or spreader
Headstay broken or loose	Bear off to run <ul style="list-style-type: none"> Ease main Do not drop jib 	<ul style="list-style-type: none"> Run halyards to bow then drop jib Reduce pressure on backstay and runners 	<ul style="list-style-type: none"> Reconnect or replace headstay
Backstay broken or loose	Luff up to close hauled <ul style="list-style-type: none"> Trim mainsheet tight; drop headsail 	<ul style="list-style-type: none"> Run spin halyards to stern Tighten mainsheet & vang 	<ul style="list-style-type: none"> Reconnect or replace backstay Spanish windlass if hydraulic failure
Mast broken	Crew roll call! <ul style="list-style-type: none"> Man overboard? 	<ul style="list-style-type: none"> Try to secure rig Do not start engine until rig cleared 	<ul style="list-style-type: none"> Retrieve rig if possible (for jury rig) Cut loose if threatening hull Pan Pan or Mayday?
Steering lost: Rudder & Post intact	Drop headsail <ul style="list-style-type: none"> Trim main 	<ul style="list-style-type: none"> Deploy Emergency tiller Engage autopilot 	<ul style="list-style-type: none"> Repair steering gear Tow drogue if needed
Steering lost: Rudder gone	Drop headsail <ul style="list-style-type: none"> Trim main 	<ul style="list-style-type: none"> Plug lower rudder bearing? Deploy steering drogue 	<ul style="list-style-type: none"> Pan Pan?
Steering lost: Rudder Post broken & thrashing inside	Drop headsail <ul style="list-style-type: none"> Trim main 	<ul style="list-style-type: none"> Fight Flooding (if any) Weight to bow (lift stern) Push post down & out? Prepare to Abandon Ship/ Mayday? 	<ul style="list-style-type: none"> Mayday? Abandon Ship? If OK, Drogue steering