

DATUM WORKSHEET

Case Title: _____ Planner's Name: _____ Date: _____

Surface Position Desc: _____ Datum #: _____ Search Plan: A B C _____
CIRCLE ONE

A. Aeronautical Drift (d_a)

- | | | |
|---|-----------------|----------|
| 1. Bailout Position | Latitude _____ | N/S |
| | Longitude _____ | E/W |
| 2. Bailout Position DTG | _____ Z _____ | |
| 3. Total Vector from Aeronautical Drift Worksheet | _____ °T | _____ NM |

B Position Where Surface Drift Will Start

- | | MINIMUM | MAXIMUM |
|---|---------------|---------------|
| 1. Surface Position from Aerospace Worksheets,
Last Known Position/Incident Position,
Previous D_{min} and D_{max} Positions. | | |
| TARGET(S) | _____ | _____ |
| 2. Time | _____ Z _____ | _____ Z _____ |
| 3. Latitude | _____ N/S | _____ N/S |
| 4. Longitude | _____ W/E | _____ W/E |

C. Datum Time

- | | | |
|---|---------------|-----------|
| 1. (Commence Search Time / Mid-Search Time) | _____ Z _____ | |
| 2. Drift Interval | _____ HRS | _____ HRS |

D. Total Water Current (TWC)

- | | | |
|---|-----------|-----------|
| 1. Observed Total Water Current (TWC) | | |
| a. Source (DMB, debris, oil) | _____ | |
| b. Set | _____ °T | _____ °T |
| Drift | _____ KTS | _____ KTS |
| c. TWC Vector | _____ °T | _____ °T |
| Direction from above and
Drift x Drift Interval | _____ NM | _____ NM |
| 2. Tidal Current Vector | _____ °T | _____ °T |
| Use Substations of Both Positions
If drifting from D_{min} and D_{max}
(Attach Tidal Current Worksheet) | _____ NM | _____ NM |

	MINIMUM	MAXIMUM
3. Sea Current (SC)		
a. Information Source	_____	_____
b. Set	_____ °T	_____ °T
c. Drift	_____ KTS	_____ KTS
Use lat/long of both positions if drifting from D_{min} and D_{max}		
d. Sea Current (SC) Vector	_____ °T	_____ °T
Direction from above and Drift x Drift Interval	_____ NM	_____ NM
4. Wind Current (WC)		
Wind Current (WC) Vector	_____ °T	_____ °T
Use lat/long of both positions if drifting from D_{min} and D_{max} (Attach Wind Current Worksheet)	_____ NM	_____ NM
5. Other Water Current	_____ °T	_____ °T
Use information for both positions if drifting from D_{min} and D_{max} (Attach Other Water Current Worksheet)	_____ NM	_____ NM

E. Leeway (LW)

1. Leeway (LW) Vector (Attach Leeway Worksheet)	_____ °T	_____ °T
	_____ NM	_____ NM

F. Total Surface Drift (d_{min} and d_{max})

From Chart, UPS, or calculator

1. Direction	_____ °T	_____ °T
2. Distance	_____ NM	_____ NM

G. Datum (D_{min} and D_{max})

1. Latitude	_____ N/S	_____ N/S
2. Longitude	_____ W/E	_____ W/E

H. Distance between D_{min} and D_{max}

_____ NM

I. Datum_{minimax}

1. Latitude	_____ N/S
2. Longitude	_____ W/E
3. Datum _{minimax} DTG	_____ Z _____
4. Direction from SP to Datum _{minimax}	_____ °T