

Instruction Worksheet Case study: Positioning

Objectives: Positioning exercises; interpreting microwave images; microwave viewer.

1. Getting started: systems and briefing

1.2 Open a web browser (Mozilla):

access NRL microwave images: find latest microwave passes for an active system.

Where would you put the centre? _____

Introduction to the microwave viewer: local drive.

2. Positioning Exercises

2.1 Donna March 2017 use NRL web page: <http://www.nrlmry.navy.mil/TC.html>

Determine position and uncertainty at:

a. 0730UTC on 6/05/2017 ____S ____ E +/-: ____nm Using SSMIS _____

b. 03UTC on 8/05/2017 ____S ____ E +/-: ____nm Using Vis and 0139UTC AMSR2

c. 03UTC on 9/05/2017 ____S ____ E +/-: ____nm Using 0046GMI _____

d. 1327UTC on 4/05/2017 ____S ____ E +/-: ____nm Using AMSR2 _____.

e. 0706UTC on 05/05/2017 ____S ____ E +/-: ____nm Using SSMIS _____

f. 03UTC on 03/05/2017 ____S ____ E +/-: ____nm Using Vis/AMSR2 _____

g. 12UTC on 03/05/2017 ____S ____ E +/-: ____nm Using ASCT _____

h. 18UTC on 03/05/2017 ____S ____ E +/-: ____nm Using IR? _____

i. 00UTC on 02/05/2017 ____S ____ E +/-: ____nm Using ASCT/Vis? _____

3. Learnings

What have you learned from this exercise?
