a) Administrative data

1. Date

   Example: 15 December 2012

2. Location/facility name

3. Respondent

4. Informed consent received
   Mark only one oval.
   
   □ Yes
   □ No

5. Informed consent reference number

6. Permission to record the interview?
   If no, conduct interview and record data in detailed notes
   Mark only one oval.
   
   □ Yes
   □ No

b) Interview questions

7. What is your primary role in the Solomon Islands health system?
   Mark only one oval.
   
   □ Clinical nurse
   □ Clinical doctor
   □ SI-SSS manager / administrator
   □ MHMS manager
   □ No role within the SI health system but a stakeholder in its function
   □ Other: 
8. What role do you play in the SI-SSS?

Mark only one oval.

☐ Collect and report data
☐ Conduct analysis and produce information
☐ Manager the day-to-day operation of the system
☐ Receive and use information generated by the system
☐ Provide technical and/or financial supporter
☐ Interested party on the periphery of the SI-SSS but do not play a role in it
☐ Other: ______________________________________

9. How long have you been involved in the SI-SSS?

Mark only one oval.

☐ <1 yr
☐ 1-3 yrs
☐ >3 yrs

10. What do you see as the key strengths of the SI-SSS?


11. What are the SI-SSS's weaknesses?


12. What do you understand to be the purpose (aims or objectives) of the SI-SSS?


13. In your view, how well is the SI-SSS meeting this/these purpose/s?

Mark only one oval.

1  2  3  4  5
Not well at all  ☐  ☐  ☐  ☐  ☐  Very well

14. What factors do you see affecting, either positively or negatively, the SI-SSS’s ability to meet this/these purpose/s?


15. Thinking back, what events, activities or initiatives have lead to a noticeable improvement in the SI-SSS's function?


16. [For surveillance nurses only] Talk me through the process of collecting and reporting surveillance data.
17. [For surveillance nurses only] Are there aspects of this process that could be streamlined or simplified? What would be required for this to happen?

18. [For surveillance nurses only] Are there written procedures available to guide the data collection and reporting process? If so, how useful are they?

19. [For surveillance nurses only] Please provide comment on the usability of the surveillance case definitions, that is, how easy they are to understand and apply? Do you have any difficulties using them?

20. [For system managers only] How well integrated is the SI-SSS with other health data collection and information systems in Solomon Islands?

21. [For system managers only] Do you feel the case definitions used in the SI-SSS are appropriate (i.e., easily understood and applied, sensitive enough, appropriate for the disease profile)?

22. [For system managers only] The SI-SSS has an event-based surveillance component. How is event-based surveillance implemented in Solomon Islands? How would you describe its functionality?

23. Can you provide examples of how the SI-SSS is contributing to health protection in Solomon Islands?
24. Which of the following statements aligns best with your views?  
Mark only one oval.
- The SI-SSS is able to detect the vast majority of outbreaks, big and small.
- The SI-SSS is good at picking up big outbreaks but not so good at picking up small ones.
- It is unclear to me if the SI-SSS is able to pick up outbreaks.
- None of these statements reflect my view. My view is better expressed as... [record in 'other']
- Other: ______________________

25. Thinking about the timeliness of data flow through the SI-SSS, are there points in the system where unacceptable delays occur? If so, at what stages?  
Tick all that apply.
- Data collection
- Reporting from surveillance sites to MHMS
- Data analysis and information generation
- Notifying management of surveillance signals / concern
- Responding to signals
- Other: ______________________

26. What are the causes of these delays and what could be done to address them?

27. [For system managers only] Talk me through what happens when a surveillance signal is generated?

28. [For system managers only] Typically, what works well when responding to a surveillance signal? And what doesn’t?

29. [For system managers only] How confident are you in the accuracy of SI-SSS-generated signals?

30. [For system managers only] What contribution do other source of health data (e.g., laboratory reporting; hospital-based reporting) make to outbreak detection in Solomon Islands?

c) Conclusion
31. In general, how satisfied are you with the SI-SSS's performance?  
*Mark only one oval.*

1  2  3  4  5  
Not very  ☐  ☐  ☐  ☐  ☐  Very  

32. Is there anything else that you would like to add?  

33. Would you like to receive a copy of the results of this research?  
*Mark only one oval.*

☐ Yes  
☐ No