# GOLD NAVIGATOR ASSESSMENT SUMMARY CHECK LIST WITH PERFORMANCE CRITERIA MATRIX

**Form to be used in conjunction with the Learning Outcomes and Performance / Marking Criteria Matrix supplied.**

Course dates: _____ To be kept until:  ___ /___/___  (12 Months after course)

Provider: _____ Instructor/ Assessor:_____

Area/ Route Practical Day 1: _____

Area/ Route Practical Day 2: _____

NNAS Complaints' procedure issued to all in advance: -

**Yes / No**

| NAMES -> | PC | | | | |
|---|---|---|---|---|---|
| **Learning Outcome 1: Technical Skills** - ✓ or X from practical performance | PC | | | | |
| Utilise contours and fine detail as the prime method of navigation. | 1.1 | | | | |
| Accurately follow a route, judge distance, check progress against time, use relevant compass skills and maintain continuous map contact. | 1.2 | | | | |
| Use back bearings and transits to confirm current position. | 1.3 | | | | |
| Use aspect of slope as an aid to relocation. | 1.4 | | | | |
| Have a robust method for accurately avoiding unexpected obstacles in poor visibility. | 1.5 | | | | |
| Have good map to ground and ground to map visualisation. | 1.6 | | | | |
| Section performance (pass / fail) | | | | | |
| **Learning Outcome 2: Strategies** - ✓ or X from practical performance | PC | | | | |
| Select appropriate techniques within an overall navigation strategy. | 2.1 | | | | |
| Navigate in intricate terrain in reduced visibility i.e. mist or darkness. | 2.2 | | | | |
| Select an appropriate, safe route in relation to height gain and loss, dangerous terrain and other major hazards. | 2.3 | | | | |
| Assess the route ahead in the field in relation to prevailing conditions or changing circumstances (e.g. weather, time, daylight, ability/fitness) and re-plan the route appropriately if necessary. | 2.4 | | | | |
| Shorten a route, use an escape route and know emergency procedures. | 2.5 | | | | |
| Recognise the occurrence of a navigational error instantly and apply appropriate relocation techniques. | 2.6 | | | | |
| Section performance (pass / fail) | | | | | |
| **Learning Outcome 3: Planning Knowledge** – ✓ or X from written / oral questions paper | PC | | | | |
| Plan and record an appropriate route in Gold terrain from the map, explain issues involved, and estimate the time for the whole route. | 3.1 | | | | |
| Select appropriate clothing, equipment and first aid items for walking in complicated hill terrain in varied weather conditions. | 3.2 | | | | |
| Section performance (pass / fail) | | | | | |
| **Learning Outcome 4: Supporting Knowledge** – ✓ or X from written / oral questions paper, 4.5 from practical performance | PC | | | | |
| Understand the physical demands created by hill and moorland terrain in all weather conditions. | 4.1 | | | | |
| Understand the effects of cold, heat, fatigue and discomfort on decision making and for execution of a selected route. | 4.2 | | | | |
| Understand the implications of climate change on the outdoor environment and be knowledgeable in practical steps to mitigate the effects of climate change | 4.3 | | | | |
| Understand the pros and cons of appropriate electronic navigation devices. | 4.4 | | | | |
| Demonstrate the use of electronic nav. devices in the context of Gold terrain. | 4.5 | | | | |
| Section performance (pass / fail) | | | | | |
| Pre-course written / oral questions (pass / fail) | | | | | |
| Post-course written / oral questions (pass / fail) | | | | | |
| Overall Performance (pass /defer/ fail) – see guidance overleaf | | | | | |

**Form to be used in conjunction with the Learning Outcomes and Performance / Marking Criteria Matrix supplied.**

PC = Performance Criteria

It is essential that an accurate record of the assessment is kept which reflects candidates' performances. These records should be kept for a minimum of 12 months after the assessment in case of inspection by the SQA authorities. This recording sheet could be laminated, recordings made on it and then photographed for digital storing along with other records of candidates' performances.

When completing the record of the assessment it is suggested you use the following in the individual candidate's name column against the various learning outcomes.

✔ - to indicate that the candidate has demonstrated the standard required.

**X** - to indicate the candidate did not meet the standard required

**PASS** = awarded where the candidate has demonstrated appropriate knowledge and application of the learning outcomes **in all four Learning Outcome Sections.** To gain a PASS in a Learning Outcome section, the required standard should be achieved in at least half of the performance criteria.

**DEFER** = awarded where the candidate has not demonstrated the standard required in **one of the four** Learning Outcome Sections. An action plan should be given to the candidate and a copy attached to this checklist. The candidate need only be re-assessed in that section and may do so after 1 month has elapsed.

**FAIL** = where the candidate has not demonstrated the standard required in **two or more of the four** Learning Outcome Sections. An action plan should be given to the candidate and a copy attached to this checklist. The candidate needs to repeat the course.

**Pre and Post course home papers** together will demonstrate success (or otherwise) for Learning Outcome Sections 3.1 to 4.4 inc.  Other Learning Outcome sections covered provide additional supporting evidence for those performance criteria.

| Learning outcome 1:<br>(What you want the candidate to do) | Technical Skills: Demonstrate competence in the technical skills required for navigating in varied, complex terrain with little in the way of paths and tracks in evidence (Gold terrain). | | |
|---|---|---|---|
| **Performance Criteria:** (How you want the candidate to do it) | **Assessment Method** | **Assessment Title** (cross reference to submitted sample) | **Marking Criteria** (how a pass/fail decision is determined) Note: Documents can be attached or embedded here. |
| 1.1 Utilise contours and fine detail as the prime method of navigation. | Practical activity | Contour interpretation | Can the candidate accurately navigate in Gold terrain without the help of a compass or electronic device? |
| 1.2 Accurately follow a route, judge distance, check progress against time, use relevant compass skills and maintain continuous map contact. | Practical activity | Route following | Can the candidate accurately follow a route and at any time indicate on a map where they are with accuracy? |
| 1.3 Use back bearings and transits to confirm current position. | Practical activity | Route checking | Can the candidate demonstrate what back bearings and transits are and say to what use they can be put? |
| 1.4 Use aspect of slope as an aid to relocation. | Practical activity | Aids to relocation | Can the candidate demonstrate 'aspect of slope' as an aid to relocation? |
| 1.5 Have a robust method for accurately avoiding unexpected obstacles in poor visibility. | Practical activity | Obstacle avoidance | Does the candidate know at least one method of accurately avoiding an obstacle and can they demonstrate it? |
| 1.6 Have good map to ground and ground to map visualisation. | Practical activity | Two-way contour visualisation | Can the candidate identify features in the landscape form ones on the map? Can the candidate point out features on the map form those identified in the landscape? |

| Learning outcome 2: | | Strategies: Demonstrate appropriate strategies for navigating accurately in Gold terrain. | | |
|---|---|---|---|---|
| **Performance Criteria:** | | **Assessment Method** | **Assessment Title** | **Marking Criteria** |
| 2.1 Select appropriate techniques within an overall navigation strategy. | | Practical activity | Appropriate techniques | Can the candidate a choose suitable techniques for solving particular navigational challenges? |
| 2.2 Navigate in intricate terrain in reduced visibility, i.e. mist or darkness. | | Practical activity | Reduced visibility competence | Can the candidate demonstrate a clear methodology for accurately navigating in reduced visibility? |
| 2.3 Select an appropriate, safe route in relation to height gain and loss, dangerous terrain and other major hazards. | | Practical activity | Route selection | Can the candidate subdivide a route to avoid terrain difficulties and to balance height changes with time and relative to fitness? |
| 2.4 Assess the route ahead in the field in relation to prevailing conditions or changing circumstances (e.g. weather, time, daylight, ability/fitness) and re-plan the route appropriately if necessary. | | Practical activity | Route re-planning | Can the candidate appropriately adapt the planned route in the light to changing circumstances? |
| 2.5 Shorten a route, use an escape route and know emergency procedures. | | Practical activity | Route adaptation in emergency | Can the candidate identify appropriate escape routes and are they aware of procedures in the event of an emergency? |
| 2.6 Recognise the occurrence of a navigational error within a few minutes and apply appropriate relocation techniques. | | Practical activity | Relocation | Is the candidate quickly aware of a navigational error and can they apply a suitable solution? If no errors made, are they aware of a range of relocation solutions? |

| Learning outcome 3: | | Planning: Demonstrate sound planning capability | | |
|---|---|---|---|---|
| **Performance Criteria:** | | **Assessment Method** | **Assessment Title** | **Marking Criteria** |
| 3.1 Plan and record an appropriate route in Gold terrain from the map, explain issues involved, and estimate the time for the whole route. | | Oral or Written Questioning | Route planning & recording | Can the candidate detail a safe Gold terrain route and estimate the time to do it? |
| 3.2 Select appropriate clothing, equipment and first aid items for walking in complicated hill terrain in varied weather conditions. | | Practical activity | Gear and first aid kit selection | Is the candidate appropriately clothed and equipped for a day out in Gold terrain? Do they have an appropriate individual first aid kit? |

| Learning outcome 4: | | Supporting Knowledge: Demonstrate a level of background knowledge sufficient to operate in Gold terrain safely, responsibly, sustainably and legally. | | |
|---|---|---|---|---|
| **Performance Criteria:** | | **Assessment Method** | **Assessment Title** | **Marking Criteria** |
| 4.1 Understand the physical demands created by hill and moorland terrain in all weather conditions. | | Oral or Written Questioning | Physical demands | Does the candidate understand how to manage the impact of physical exertion required during when walking in Gold terrain? |
| 4.2 Understand the effects of cold, heat, fatigue and discomfort on decision making and for execution of a selected route. | | Oral or Written Questioning | Weather effects on decision making | Can the candidate recognise hypothermia, hyperthermia and tiredness, and detail how these affect metal processes when navigating? |
| 4.3 Understand the implications of climate change on the outdoor environment and be knowledgeable in practical steps to mitigate its effects. | | Oral or Written Questioning | Climate change effects, consequences & mitigation | Can the candidate summarise key effects of climate change on the hill and moorland environment? Can the candidate recognise the potential consequences when navigating? Can the candidate suggest ways in which these effects can be reduced? |
| 4.4 Understand the pros and cons of appropriate electronic navigation devices and describe their use in the context of Gold terrain. | | Oral or Written Questioning | Electronic aids to navigation | Can the candidate list some good and bad points about electronic navigation equipment? |
| 4.5 Be able to demonstrate how an electronic aid might be used in Gold terrain | | Practical activity | Electronic aids to navigation | Can candidates demonstrate how one might be used in Gold terrain? |